

THE JAMES SWAN COMPANY'S

PREMIUM MECHANICS' TOOLS

FACTORIES



SEYMOUR CONN.

RUSSELL & ERWIN MFG. CO.

SOLE AGENTS



NEW BRITAIN
CHICAGO

NEW YORK
BALTIMORE

PHILADELPHIA
LONDON ENG

1904

ILLUSTRATED CATALOGUE

AND

PRICE LIST

OF

PREMIUM

Mechanics' Tools

MANUFACTURED BY

THE JAMES SWAN COMPANY

SUCCESSORS TO

JAMES SWAN

Russell & Erwin Manufacturing Co.

SOLE AGENTS

NEW YORK: 43, 45 and 47 Chambers Street

PHILADELPHIA: 19 North Fifth Street

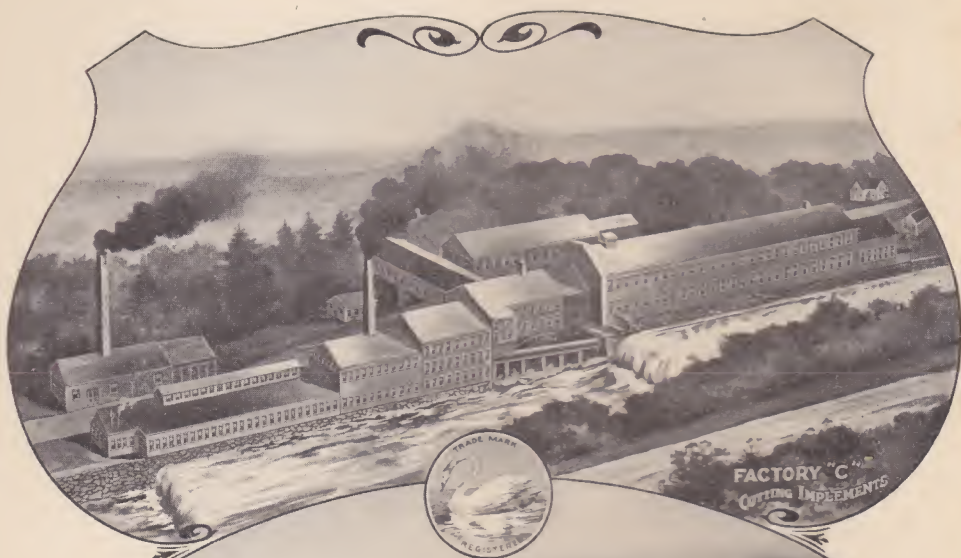
CHICAGO: 941-942 Marquette Building

AND

NEW BRITAIN, Conn.

SEYMOUR, Conn.

LONDON, England



INTRODUCTORY

IN presenting this Catalogue to the trade we desire to call especial attention to the largest variety of tools manufactured under any one brand and bearing the



and to state that the same high standard of quality and finish which has in past years established their superiority is adhered to to-day in their manufacture.

Only the best and finest quality of steel is used. The finer the steel the greater the care that must be exercised in its manipulation, and each tool accordingly passes through from 35 to 40 distinct operations, after which it must stand the strain of a crucial test before it is put upon the market.

The name, therefore, of The James Swan Company upon a tool is a guarantee which no buyer can afford to overlook.

EXPORT.—Our facilities for furnishing goods for export are exceptional, and we exercise especial care in filling orders for foreign trade.

We are fully prepared to furnish any special goods in our line at lowest prices, which we will cheerfully quote on receipt of inquiry. Every tool produced is fully warranted.

THE JAMES SWAN COMPANY.

RUSSELL & ERWIN MANUFACTURING CO.

SOLE AGENTS

NEW YORK,	43, 45 and 47 Chambers Street
PHILADELPHIA,	19 North Fifth Street
CHICAGO,	941-942 Marquette Building
NEW BRITAIN, CONN., and	LONDON, ENGLAND

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EXTRA CARPENTERS' SLICKS NO. 7012.

BEVELED BACK, FOR HEAVY WORK.



Length of Blades, 10 inches.

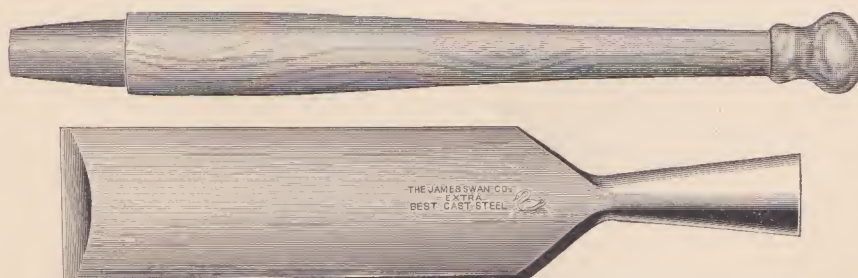
These Slicks represent the best material and workmanship.

Size, inches.....	2½	2¾	3	3¼	3½	3¾	4
Per dozen.....	\$40.00	42.00	44.00	48.00	52.00	56.00	60.00

Beveled Back Carpenters' Slicks, regular quality, No. 1012, same sizes and lists as No. 7012.

EXTRA CARPENTERS' SLICKS NO. 7012½.

OVAL BACK, FOR LIGHT WORK.



Length of Blades, 9 inches.

These Slicks represent the best material and workmanship.

Size, inches.....	2½	3	3½	4
Per dozen.....	\$40.00	44.00	52.00	60.00

All above quarter dozen in a wooden box.

EXTRA CORNER CHISELS NO. 7014.



Heavy, with Blades 8 inches in length.

Extra care is taken in the production of our Corner Chisels. The highest grade of Cast Steel is used for the cutting edges, and this is welded on Soft Steel to keep the Chisel true. Sizes 1 inch and larger have Rings on the Handles.

Size, inches.....	½	¾	1	1¼	1½	1¾	2
Per dozen.....	\$22.00	24.00	28.00	30.00	32.00	34.00	40.00

Corner Chisels, regular quality, No. 1014, same sizes and lists as No. 7014.

Half dozen in a wooden box.

EXTRA SOCKET FRAMING CHISELS.

BEVEL BACK OR REGULAR, No. 7013.



OVAL BACK, No. 7013½.



Heavy, with Blades 8 inches in length.

We use materials of the best quality in our Framing Chisels, and devote special care to their manufacture. Extra Quality and Extra Finish. Sizes 1 inch and larger have Rings on the Handles.

Size, inches.....	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen.....	\$12.00	12.00	12.00	12.00	12.00	13.00	14.00	15.00	16.00
Size, inches.....	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen.....	18.00	18.00	20.00	22.00	24.00	28.00	32.00	36.00	40.00

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{4}$ to 3 (16)—All sizes except $\frac{7}{16}$ and $1\frac{1}{8}$	Per set, \$30.00
Size, inches, $\frac{1}{4}$ to 2 (12)—One each, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2...	18.00
Size, inches, $\frac{1}{4}$ to 2 (9)—One each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2.....	14.00
Size, inches, $\frac{1}{4}$ to 2 (6)—One each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2.....	10.00

One set in a wooden box.

SOCKET FRAMING CHISELS NO. 1013.

BEVEL BACK ONLY.



Heavy, with Blades 8 inches in length.

We use materials of the best quality in our Framing Chisels, and devote special care to their manufacture. Sizes $1\frac{1}{8}$ and larger have Rings on the Handles.

Size, inches..	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen...	\$12.00	12.00	12.00	12.00	13.00	14.00	15.00	16.00	18.00	20.00	22.00	24.00

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{4}$ to 2 (12)—One each, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2...	Per set, \$18.00
Size, inches, $\frac{1}{4}$ to 2 (9)—One each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2.....	14.00
Size, inches, $\frac{1}{4}$ to 2 (6)—One each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2.....	10.00

One set in a wooden box.

BEVELED EXTRA SOCKET FIRMER CHISELS NO. 7015.

SOLID CRUCIBLE STEEL, EXTRA QUALITY AND FINISH.



Length of Blades, $6\frac{1}{2}$ inches.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen.....	\$8.00	8.00	8.00	9.00	10.00	11.00	11.00
Size, inches.....	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	
Per dozen.....	12.00	13.00	13.00	14.00	15.00	16.00	

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2.... Per set, \$11.25

Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2..... " 8.25

Size, inches, $\frac{1}{8}$ to $1\frac{1}{2}$ (9)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ " 7.75

Add 50 cents per dozen net for Beveling. One set in a wooden box.

Chisels No. 7015, 12 in a set, are packed in a Hinge Top Box. See page 11.

When above goods are wanted with Leather Capped Handles, specify No. 7035.

DIAMOND BACK EXTRA SOCKET FIRMER CHISELS NO. 7016.

"THE PERFECT CHISEL."

SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Length of Blades, $6\frac{1}{2}$ inches.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen.....	\$8.00	8.00	8.00	9.00	10.00	11.00	11.00
Size, inches.....	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	
Per dozen.....	12.00	13.00	13.00	14.00	15.00	16.00	

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2.... Per set, \$12.75

Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2..... " 9.75

Size, inches, $\frac{1}{8}$ to $1\frac{1}{2}$ (9)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ " 9.25

Add 50 cents per dozen for Diamond Backs.

When above goods are wanted with Leather Capped Handles specify No. 7036.

One set in a wooden box.

Any of the above Chisels can be furnished, to order, Sharpened and Honed, ready for use, at an additional cost of 25 cents per dozen, net.

EXTRA SOCKET FIRMER CHISELS NO. 7010.
SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Length of Blades, 6½ inches.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen.....	\$8.00	8.00	8.00	9.00	10.00	11.00	11.00
Size, inches.....	1	1½	1¾	1½	1¾	2	2
Per dozen.....	12.00	13.00	13.00	14.00	15.00	16.00	16.00

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1¼, 1½, 1¾, 2....	Per set, \$11.25
Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, 1¼, 1½, 2.....	8.25
Size, inches, $\frac{1}{8}$ to 1½ (9)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1¼, 1½.....	7.75

One set in a wooden box.

When above goods are wanted with Leather Capped Handles specify No. 7030.

SOCKET FIRMER CHISELS NO. 1010.
SOLID CRUCIBLE STEEL. REGULAR QUALITY AND FINISH.



Length of Blades, 6½ inches.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen.....	\$8.00	8.00	8.00	9.00	10.00	11.00	11.00
Size, inches.....	1	1½	1¾	1½	1¾	2	2
Per dozen.....	12.00	13.00	13.00	14.00	15.00	16.00	16.00

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1¼, 1½, 1¾, 2....	Per set, \$11.25
Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, 1¼, 1½, 2.....	8.25
Size, inches, $\frac{1}{8}$ to 1½ (9)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1¼, 1½.....	7.75

One set in a wooden box.

When above goods are wanted with Leather Capped Handles specify No. 1030.

BEVELED SOCKET FIRMER CHISELS NO. 1015.
SOLID CRUCIBLE STEEL. REGULAR QUALITY AND FINISH.



Length of Blades, 6½ inches.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen.....	\$8.00	8.00	8.00	9.00	10.00	11.00	11.00
Size, inches.....	1	1½	1¾	1½	1¾	2	2
Per dozen.....	12.00	13.00	13.00	14.00	15.00	16.00	16.00

Half dozen in a wooden box.

ASSORTED IN SETS.

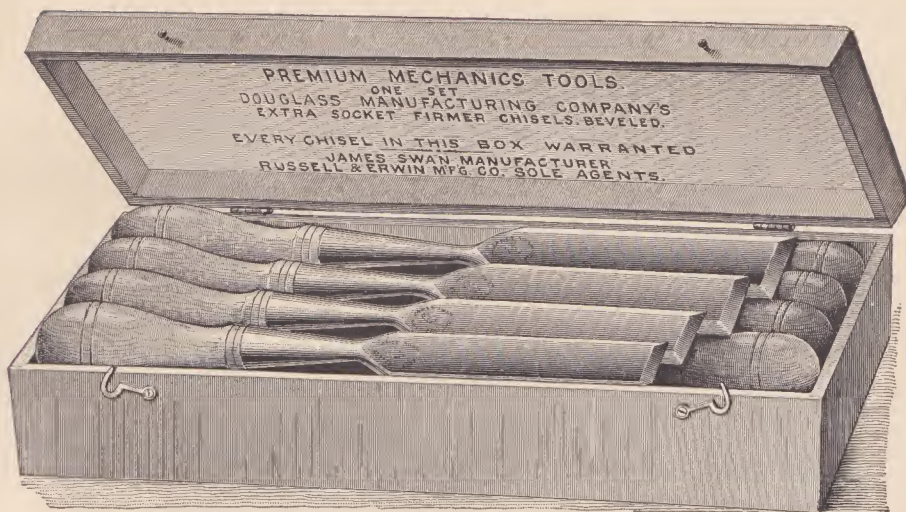
Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1¼, 1½, 1¾, 2....	Per set, \$11.25
Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, 1¼, 1½, 2.....	8.25
Size, inches, $\frac{1}{8}$ to 1½ (9)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1¼, 1½.....	7.75

Add 50 cents per dozen net for Beveling. One set in a wooden box.

Chisels No. 1015, 12 in a set, are packed in a Hinged Top Box. See page 11.

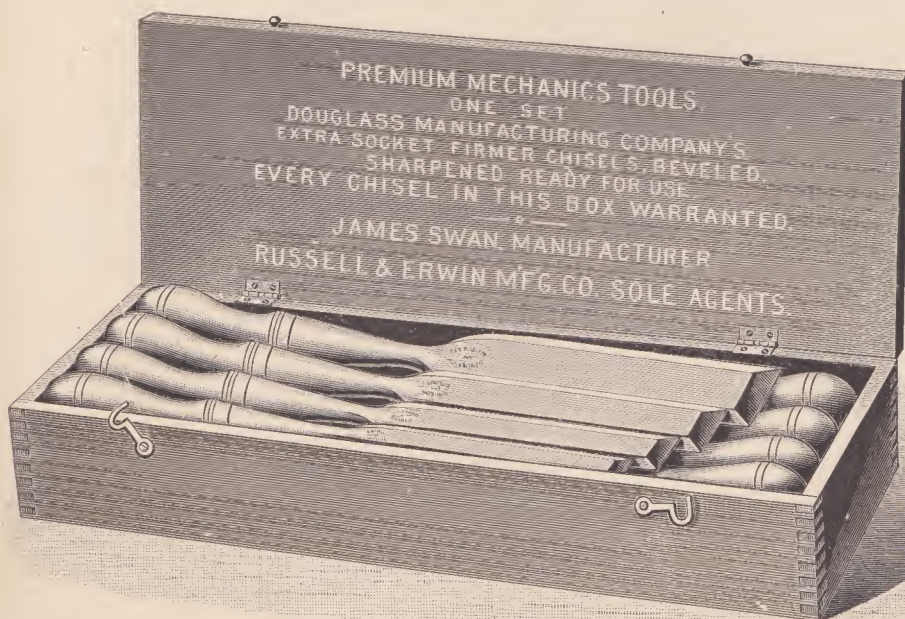
When above goods are wanted with Leather Capped Handles specify No. 1035.
Any of the above Chisels can be furnished, to order, Sharpened and Honed, ready for use, at an additional cost of 25 cents per dozen, net.

SETS OF CHISELS IN WOODEN BOXES.



Nos. 7015 and 1015.

Illustration of Beveled Socket Firmer Chisels, 12 in a set.
For prices see pages 9 and 10.



No. 6015. Bevel Socket Firmer Chisels. Same as Set 7015, but Sharpened and Honed.

In sets (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2. Per set, \$6.50

The above sets are packed in Patent Spring Bottom Boxes, which allow adjustment of Chisels and yet holds them firmly in position.

One set in a box.

SETS OF CHISELS IN WOODEN BOXES.

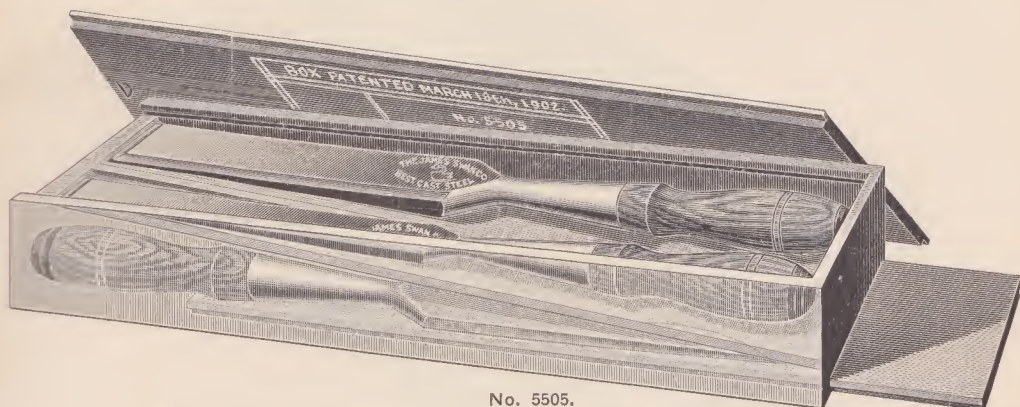
These Chisel Boxes are furnished with continuous Brass Springs, holding each Chisel firmly in place, and preventing a strain upon the Hinges. The construction is durable and compact, and the boxes are made of hardwood, varnished and finished with care. All of our Chisels packed in this manner are carefully selected and are fully warranted.



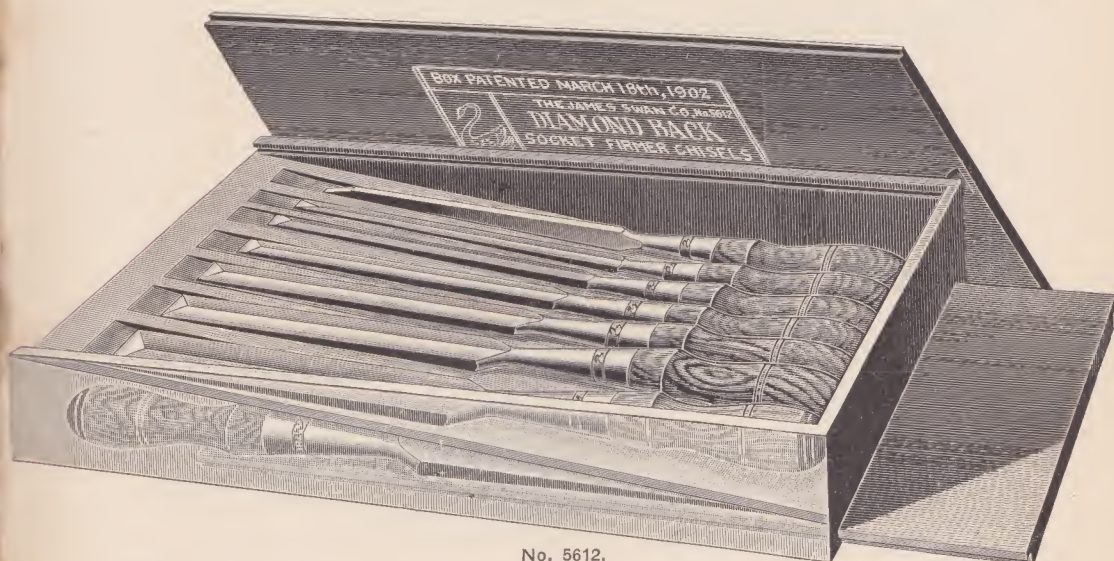
Set No.	Per Set.
6106—No. 1010 Socket Firmer Chisels, In sets (6)—One each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$	\$3.75
6112—No. 1010 Socket Firmer Chisels, In sets (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2.....	6.50
6506—No. 7035 Beveled Extra Socket Firmer Chisels, Leather Capped Handles. In sets (6)—One each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$	4.25
6512—No. 7035 Beveled Extra Socket Firmer Chisels, Leather Capped Handles. In sets (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2.....	8.25
6606—No. 7036 Diamond Back Socket Firmer Chisels, Leather Capped Handles. In sets (6)—One each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$	4.25
6612—No. 7036 Diamond Back Socket Firmer Chisels, Leather Capped Handles. In sets (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2.....	8.25

SETS OF CHISELS PACKED IN PATENTED COMPARTMENT BOXES.

These Patented Compartment Boxes are the most practical and durable known. They are compact and convenient, have no hinges to break or springs to get out of order, and are made of hardwood varnished and well finished. The Chisels are placed in grooves, cannot come in contact with each other, and any Chisel may be removed without interfering with the others. All of our Chisels packed in this manner are carefully selected, and are fully warranted.



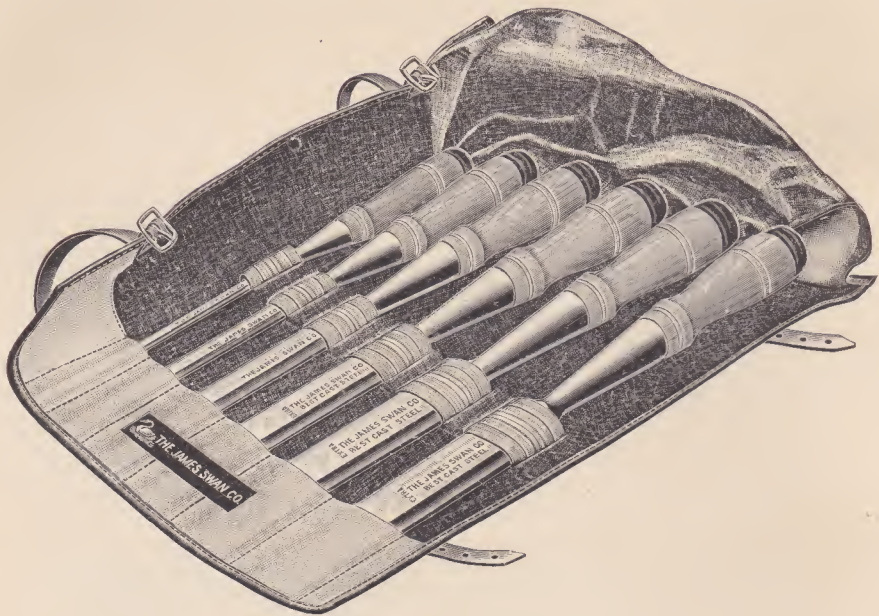
No. 5505.



No. 5612.

Set No.	Per Set.
5105—No. 1010 Socket Firmer Chisels.	
In sets (5)—One each, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$	\$2.70
5112—No. 1010 Socket Firmer Chisels.	
In sets (12)—One each, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, $1\frac{1}{2}$, 2.....	6.10
5505—No. 7035 Beveled Extra Socket Firmer Chisels, Leather Capped Handles.	
In sets (5)—One each, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$	3.50
5512—No. 7035 Beveled Extra Socket Firmer Chisels, Leather Capped Handles.	
In sets (12)—One each, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, $1\frac{1}{2}$, 2.....	7.85
2512—No. 7055 Beveled Extra Socket Firmer Chisels, Rosewood Finish Handles.	
In sets (12)—One each, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, $1\frac{1}{2}$, 2.....	6.00
5605—No. 7036 Diamond Back Socket Firmer Chisels, Leather Capped Handles.	
In sets (5)—One each, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$	3.50
5612—No. 7036 Diamond Back Socket Firmer Chisels, Leather Capped Handles.	
In sets (12)—One each, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, $1\frac{1}{2}$, 2.....	7.85
One set in a box.	

SETS OF CHISELS IN CANVAS ROLLS.



No. 0506.

Set No.	Per Set.
0106—No. 1010 Socket Firmer Chisels.	
In sets (6)—One each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$	\$3.15
0506—No. 7035 Beveled Extra Socket Firmer Chisels, Leather Capped Handles.	
In sets (6)—One each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$	4.00
0606—No. 7036 Diamond Back Socket Firmer Chisels, Leather Capped Handles.	
In sets (6)—One each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$	4.00

EXTRA SOCKET DECK CHISELS, OVAL BACK, NO. 7019.

SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Length of Blades, $5\frac{1}{2}$ inches.

Socket set straight with face. Ring Handles.

Size, inches.....	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2
Per dozen.....	\$16.00	18.00	20.00	24.00

Half dozen in a wooden box.

EXTRA SOCKET FIRMER COACHMAKERS' CHISELS NO. 7017.
SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Heavy, with Blades 7 inches in length.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen.....	\$5.00	5.75	6.00	7.00	8.00	8.50
Size, inches.....	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen.....	9.00	9.50	10.50	11.50	12.00	13.00

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2..... Per set, \$10.00
Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2..... " 7.50
One set in a wooden box.

EXTRA SOCKET FIRMER PARING CHISELS NO. 7018.
SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Length of Blades, $7\frac{1}{2}$ inches.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen.....	\$5.00	6.25	6.50	7.50	8.00	8.50
Size, inches.....	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen.....	9.00	9.50	10.50	11.50	12.00	13.00

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2..... Per set, \$10.00
Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2..... " 7.50
One set in a wooden box.

EXTRA SOCKET FIRMER MILLWRIGHTS' CHISELS NO. 7011.
SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Heavy, with Blades 8 inches in length.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen.....	\$5.50	6.25	6.50	7.50	8.00	9.25
Size, inches.....	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen.....	9.75	10.50	11.00	12.00	12.50	13.50

Half dozen in a wooden box.

ASSORTED IN SETS.

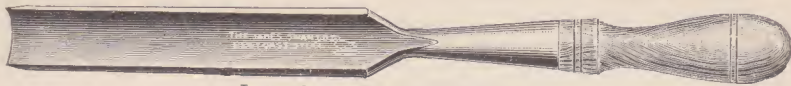
Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2..... Per set, \$13.50
Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2..... " 12.00
One set in a wooden box.

The above Chisels can be furnished, to order, Sharpened and Honed, ready for use, at an additional cost of 25 cents per dozen, net.

EXTRA SOCKET FIRMER GOUGES NO. 7210.

(OUTSIDE BEVEL.)

SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Length of Blades, 6½ inches.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen.....	\$5.00	5.75	6.00	7.00	8.00	8.50
Size, inches.....	$\frac{7}{8}$	1	1¼	1½	1¾	2
Per dozen.....	9.00	9.50	10.50	11.50	12.00	13.00

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1¼, 1½, 1¾, 2.....	Per set, \$10.00
Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, 1¼, 1½, 1¾, 2.....	" 7.50

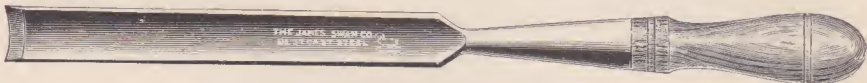
Furnished with Inside Bevel at same prices. One set in a wooden box.

EXTRA SOCKET FIRMER PARING GOUGES NO. 7218.

(INSIDE BEVEL.)

SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.

Made Light and True, for Light Work.



Length of Blades, 7½ inches.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen.....	\$6.00	7.00	8.00	8.50	9.50	10.50
Size, inches.....	$\frac{7}{8}$	1	1¼	1½	1¾	2
Per dozen.....	11.00	12.00	13.50	14.00	15.00	16.00

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1¼, 1½, 1¾, 2.....	Per set, \$12.50
Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, 1¼, 1½, 1¾, 2.....	" 10.00

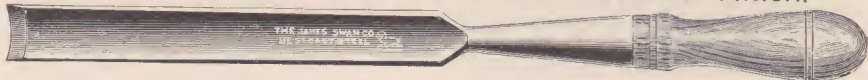
One set in a wooden box.

Outside Bevel furnished to order.

EXTRA SOCKET FIRMER MILLWRIGHTS' GOUGES NO. 7211.

(INSIDE BEVEL.)

SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Heavy, with Blades 8 inches in length.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen.....	\$7.00	8.00	9.00	10.00	11.00	12.00
Size, inches.....	$\frac{7}{8}$	1	1¼	1½	1¾	2
Per dozen.....	13.00	14.00	16.00	17.00	18.00	20.00

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1¼, 1½, 1¾, 2....	Per set, \$15.00
Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, 1¼, 1½, 1¾, 2.....	" 12.50

Outside Bevel furnished to order.

One set in a wooden box.

The above Gouges can be furnished, to order, Sharpened and Honed, ready for use, at an additional cost of 30 cents per dozen, net.

EXTRA TANGED FIRMER CHISELS NO. 7100.

SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen.....	\$2.00	2.00	2.12 $\frac{1}{2}$	2.25	2.60	2.75	3.00
Size, inches.....	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	
Per dozen.....	3.50	4.50	5.00	6.00	7.50	9.00	

One dozen in a wooden box.

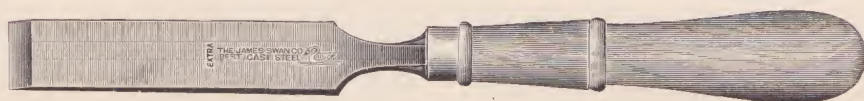
ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2....	Per set, \$4.25
Size, inches, $\frac{1}{8}$ to 1 $\frac{1}{2}$ (9)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$	" 3.25
Size, inches, $\frac{1}{8}$ to 1 (8)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1.....	" 2.50

One set in a wooden box.

EXTRA TANGED FIRMER CHISELS, HANDLED, NO. 7110.

SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen.....	\$3.00	3.00	3.12 $\frac{1}{2}$	3.25	3.60	3.75	4.00
Size, inches.....	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	
Per dozen.....	4.50	5.50	6.00	7.00	8.50	10.00	

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2....	Per set, \$5.25
Size, inches, $\frac{1}{8}$ to 1 $\frac{1}{2}$ (9)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$	" 4.25
Size, inches, $\frac{1}{8}$ to 1 (8)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1.....	" 3.50

One set in a wooden box.

When above are wanted with Leather tipped Handles, specify No. 7130.

TANGED FIRMER CHISELS, NO. 1100.

SOLID CRUCIBLE STEEL. REGULAR QUALITY AND FINISH.



Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen.....	\$2.00	2.00	2.12 $\frac{1}{2}$	2.25	2.60	2.75	3.00
Size, inches.....	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	
Per dozen.....	3.50	4.50	5.00	6.00	7.50	9.00	

One dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2....	Per set, \$4.25
Size, inches, $\frac{1}{8}$ to 1 $\frac{1}{2}$ (9)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$	" 3.25
Size, inches, $\frac{1}{8}$ to 1 (8)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1.....	" 2.50

One set in a wooden box.

Tanged Firmer Chisels, Handled, No. 1110, same sizes and lists as No. 7110.

The above Chisels can be furnished to order, Sharpened and Honed, ready for use, at an additional cost of 15 cents per dozen, net.

CITY PATTERN HANDLED EXTRA TANGED FIRMER CHISELS NO. 7160.

SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Polished Applewood Handle, with heavy Brass Ferrule. Sharpened and Honed.
 Size, inches... $\frac{1}{8}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ $1\frac{3}{4}$ 2
 Per dozen....\$2.60 2.85 3.15 3.45 3.70 4.05 4.30 5.60 6.70 8.05 9.40
 Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2.... Per set, \$4.80
 Size, inches, $\frac{1}{8}$ to $1\frac{1}{2}$ (9)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ " 3.20
 Size, inches, $\frac{1}{8}$ to 1 (8)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1..... " 2.50
 One set in a wooden box.

BEVELED EXTRA TANGED FIRMER CHISELS NO. 7105.

SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Without Handles. Sharpened and Honed.

Size, inches..... $\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$
 Per dozen.....\$3.80 3.85 4.00 4.40 4.60 4.80
 Size, inches..... $\frac{7}{8}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ $1\frac{3}{4}$ 2
 Per dozen..... 5.00 5.40 7.25 8.30 10.50 12.00

One dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2.... Per set, \$6.40
 Size, inches, $\frac{1}{8}$ to $1\frac{1}{2}$ (9)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ " 4.00
 One set in a wooden box.

BEVELED EXTRA TANGED FIRMER CHISELS NO. 7165.

SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Sharpened and Honed. Fancy Applewood Handles. Heavy Cast Brass Ferrules.

Size, inches..... $\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$
 Per dozen.....\$4.70 4.85 5.10 5.45 5.80 6.05
 Size, inches..... $\frac{7}{8}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ $1\frac{3}{4}$ 2
 Per dozen..... 6.25 6.70 8.75 9.90 12.35 13.90

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2.... Per set, \$7.75
 Size, inches, $\frac{1}{8}$ to $1\frac{1}{2}$ (9)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ " 5.00
 One set in a wooden box.

EXTRA HANDLED TANGED FIRMER COACH MAKERS' CHISELS NO. 7117.

SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Length of Blades, $6\frac{1}{2}$ inches.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen.....	\$4.50	4.75	4.87	5.25	5.50	6.00
Size, inches.....	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen.....	6.50	7.50	9.75	11.75	13.25	16.25

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2.... Per set, \$8.75

Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2..... " 7.75

One set in a wooden box.

Without Handles, deduct \$1.25 per dozen from list prices. Specify No. 7107.

EXTRA TANGED FIRMER BUTT CHISELS, HANDLED, NO. 7119.

SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Length of Blades, $2\frac{1}{2}$ inches.

Size, inches.....	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen.....	\$7.00	8.50	10.00

Half dozen in a wooden box.

Extra Tanged Firmer Butt Chisels, with Leather Capped Handles, specify No. 7139, same list prices as No. 7119. Half dozen in a wooden box.

BEVELED EXTRA TANGED FIRMER BUTT CHISELS, HANDLED, NO. 7115 $\frac{1}{2}$.

SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Length of Blades, $2\frac{1}{2}$ inches.

Size, inches.....	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen.....	\$7.00	8.50	10.00

Add 50 cents per dozen net for beveling. Half dozen in a wooden box.

Beveled Extra Tanged Firmer Butt Chisels, with Leather Capped Handles, No. 7135 $\frac{1}{2}$, same list prices as No. 7115 $\frac{1}{2}$. Half dozen in a wooden box.

EXTRA HANDLED LONG THIN TANGED PARING CHISELS NO. 7118.
SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Length of Blades, 7 inches.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen.....	\$4.50	4.75	4.87	5.25	5.50	6.00	6.50
Size, inches.....	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{2}$
Per dozen.....	8.00	8.75	11.75	13.25	16.25	22.25	

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2....	Per set, \$8.75
Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2.....	" 7.25

One set in a wooden box.

Without Handles, deduct \$1.25 per dozen from list prices. Specify No. 7108.

EXTRA HANDLED MILLWRIGHTS' TANGED FIRMER CHISELS NO. 7111.

SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Heavy, with Blades 7 $\frac{1}{2}$ inches in length.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen.....	\$5.25	5.25	5.75	6.25	7.25	8.25	9.25
Size, inches.....	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	
Per dozen.....	10.25	11.75	13.25	14.75	15.75	18.25	22.25

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2....	Per set, \$11.25
Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 2.....	" 8.75

One set in a wooden box.

Without Handles deduct \$1.25 per dozen from list prices. Specify No. 7101.

TANGED TURNING CHISELS NO. 7102.
SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Length of Blades, 7 inches.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen.....	\$2.50	2.75	3.12 $\frac{1}{2}$	3.37 $\frac{1}{2}$	3.75	4.25	5.00	5.50
Size, inches.....	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	
Per dozen.....	7.00	7.00	8.75	8.75	10.25	12.50	16.50	21.50

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2....	Per set, \$6.50
Size, inches, $\frac{1}{4}$ to 1 $\frac{1}{2}$ (9)—One each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$	" 5.00

One set in a wooden box.

With Handles, add \$1.25 per dozen to list prices. Specify No. 7112.

The above Chisels can be furnished, to order, Sharpened and Honed, ready for use, at an additional cost of 15 cents per dozen, net.

EXTRA TANGED FIRMER GOUGES NO. 7300.

OUTSIDE BEVEL. SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen.....	\$2.25	2.50	2.62 $\frac{1}{2}$	2.87 $\frac{1}{2}$	3.00	3.25	3.50
Size, inches.....	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	
Per dozen.....	\$4.50	5.50	6.00	7.50	10.00	12.00	

One dozen in a wooden box.

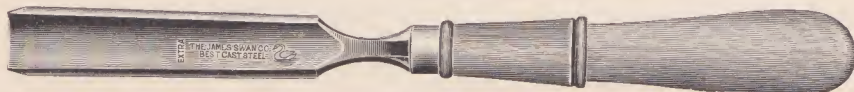
ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2....	Per set, \$6.00
Size, inches, $\frac{1}{8}$ to 1 $\frac{1}{2}$ (9)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$	" 4.00
Size, inches, $\frac{1}{8}$ to 1 (8)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1.....	" 3.25

One set in a wooden box. Furnished with Inside Bevel at same list prices.

EXTRA TANGED FIRMER GOUGES, HANDLED, NO. 7310.

OUTSIDE BEVEL. SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen.....	\$3.25	3.50	3.62 $\frac{1}{2}$	3.87 $\frac{1}{2}$	4.00	4.25	4.50
Size, inches.....	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	
Per dozen.....	\$5.50	6.50	7.00	8.50	11.00	13.00	

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2....	Per set, \$7.00
Size, inches, $\frac{1}{8}$ to 1 $\frac{1}{2}$ (9)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$	" 5.00
Size, inches, $\frac{1}{8}$ to 1 (8)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1.....	" 4.25

One set in a wooden box. Furnished with Inside Bevel at same list prices.

TANGED FIRMER GOUGES NO. 1300.

OUTSIDE BEVEL. SOLID CRUCIBLE STEEL. REGULAR QUALITY AND FINISH.



Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen.....	\$2.25	2.50	2.62 $\frac{1}{2}$	2.87 $\frac{1}{2}$	3.00	3.25	3.50
Size, inches.....	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	
Per dozen.....	\$4.50	5.50	6.00	7.50	10.00	12.00	

One dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2....	Per set, \$6.00
Size, inches, $\frac{1}{8}$ to 1 $\frac{1}{2}$ (9)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$	" 4.00
Size, inches, $\frac{1}{8}$ to 1 (8)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1.....	" 3.25

One set in a wooden box. Furnished with Inside Bevel at same list prices.

The above Gouges can be furnished, to order, Sharpened and Honed, ready for use, at an additional cost of 30 cents per dozen, net.

EXTRA HANDLED TANGED PARING FIRMER GOUGES NO. 7318.
INSIDE BEVEL. SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Length of Blades, 7 inches.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen.....	\$5.40	5.75	5.87	6.25	6.50	6.87
Size, inches.....	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen.....	7.50	8.50	10.25	11.25	15.25	18.25

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2....	Per set, \$11.75
Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2.....	" 10.25

One set in a wooden box.

Without Handles, deduct \$1.25 per dozen from list prices. Specify No. 7308.

EXTRA HANDLED MILLWRIGHTS' TANGED FIRMER GOUGES NO. 7311.

INSIDE BEVEL. SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Heavy, with Blades $7\frac{1}{2}$ inches in length.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen.....	\$6.25	6.25	6.75	7.25	8.25	9.25
Size, inches.....	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen.....	10.25	11.25	14.75	17.25	20.25	23.75

Half dozen in a wooden box.

ASSORTED IN SETS.

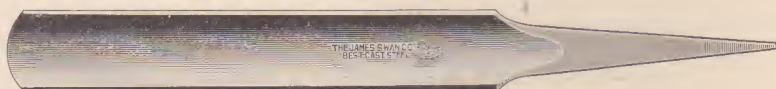
Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2....	Per set, \$13.75
Size, inches, $\frac{1}{4}$ to 2 (8)—One each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2.....	" 11.25

One set in a wooden box.

Without Handles deduct \$1.25 per dozen from list prices. Specify No. 7101.

EXTRA TANGED TURNING GOUGES NO. 7302.

OUTSIDE BEVEL. SOLID CRUCIBLE STEEL. EXTRA QUALITY AND FINISH.



Length of Blades, 7 inches.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen.....	\$3.00	3.00	3.50	4.00	4.50	5.50	6.00	7.00
Size, inches.....	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Per dozen.....	8.50	8.50	12.75	12.75	14.00	18.00	21.00	25.00

Half dozen in a wooden box.

ASSORTED IN SETS.

Size, inches, $\frac{1}{8}$ to 2 (12)—One each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2....	Per set, \$8.50
Size, inches, $\frac{1}{4}$ to $1\frac{1}{2}$ (9)—One each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$	" 6.50

One set in a wooden box.

With Handles, add \$1.25 per dozen to list prices. Specify No. 7312.

The above Gouges can be furnished, to order, Sharpened and Honed, ready for use, at an additional cost of 30 cents per dozen, net.

EXTRA CAST STEEL PARTING TOOLS NO. 7106.

For Wood Turners.
EXTRA QUALITY AND FINISH.
Length of blades, 7 inches.



Size, inches.....	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{4}$
Per dozen.....	\$4.50	5.00	5.50

With Handles add \$1.25 per dozen to list prices. Specify No. 7116.

Half dozen in a wooden box.

EXTRA CAST STEEL TURNING CHISELS, SPECIAL STYLE POINTS, NO. 7103.



RIGHT
SKEW



LEFT
SKEW



SPEAR
POINT



ROUND
POINT



SQUARE
POINT

Length of blades, 7 inches.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen.....	\$3.00	3.00	3.20	3.45	3.75	4.10

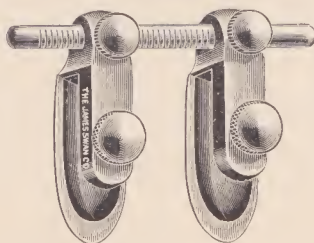
With Handles add \$1.25 per dozen to list prices. Specify No. 7113.

Half dozen in a wooden box.

In ordering be particular to specify style of point wanted.

SWAN'S DRAWING KNIFE CHAMFERER GAUGE NO. 6560.

With Graduated Scale.

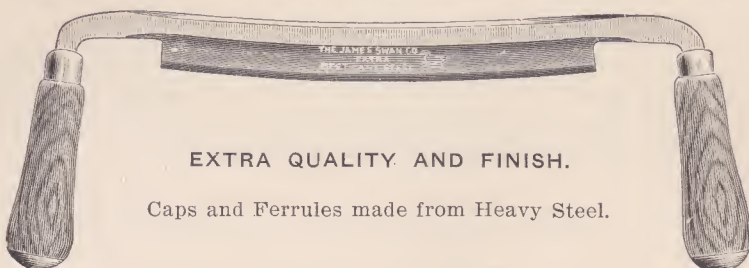


Size, inches.

1 $\frac{1}{4}$. For Drawing Knife blade, 1 $\frac{1}{8}$ to 1 $\frac{1}{4}$ inches.....	\$8.00
1 $\frac{1}{2}$. For Drawing Knife Blade, 1 $\frac{3}{8}$ to 1 $\frac{1}{2}$ inches.....	8.00
One in a box.	

Per dozen.

EXTRA RAZOR BLADE DRAWING KNIVES NO. 7480.



EXTRA QUALITY AND FINISH.

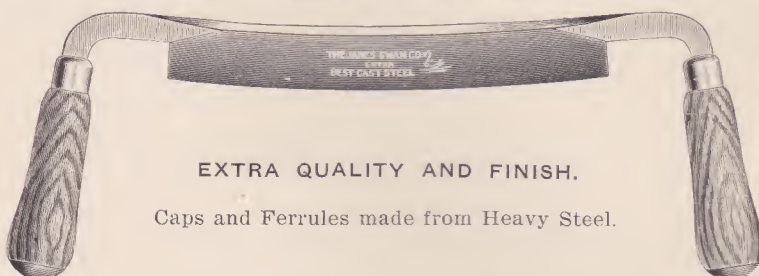
Caps and Ferrules made from Heavy Steel.

Length of Blades, inches.....	6	7	8	9	10	11
Per dozen.....	\$17.00	18.00	19.00	20.00	21.00	22.00
Length of Blades, inches.....	12	13	14	15	16	
Per dozen.....	23.00	25.00	26.00	27.00	29.00	

With Ebonized Handles, Nickel Plated Ferrules, add 25 cents per dozen, net.
Specify No. 7470, same sizes and lists as No. 7480.

Razor Blade Drawing Knives No. 1480, same sizes and lists as No. 7480.

EXTRA DRAWING KNIVES NO. 7481.

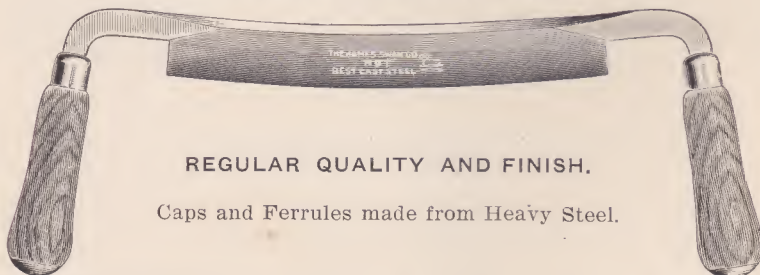


EXTRA QUALITY AND FINISH.

Caps and Ferrules made from Heavy Steel.

Length of Blades, inches.....	6	7	8	9	10	11
Per dozen.....	\$16.00	17.00	18.00	19.00	20.00	21.00
Length of Blades, inches.....	12	13	14	15	16	
Per dozen.....	22.00	24.00	25.00	26.00	28.00	

DRAWING KNIVES NO. 1481.



REGULAR QUALITY AND FINISH.

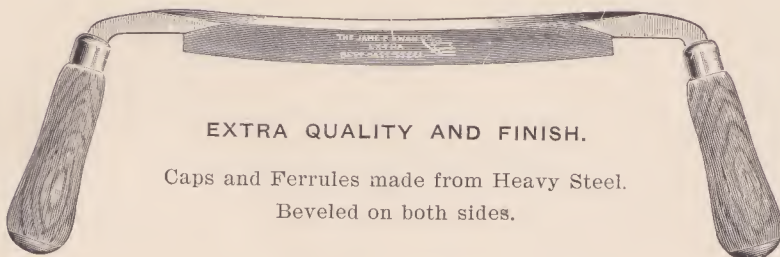
Caps and Ferrules made from Heavy Steel.

Length of Blades, inches.....	6	7	8	9	10	11
Per dozen.....	\$16.00	17.00	18.00	19.00	20.00	21.00
Length of Blades, inches.....	12	13	14	15	16	
Per dozen.....	22.00	24.00	25.00	26.00	28.00	

All above, half dozen in a wooden box.

EXTRA CARRIAGE MAKERS' DRAWING KNIVES NO. 7482.

SOLID CRUCIBLE STEEL BLADES.



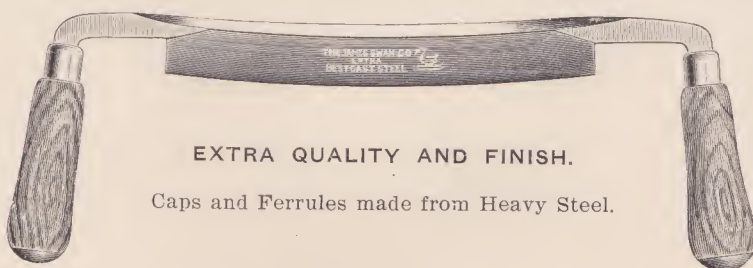
EXTRA QUALITY AND FINISH.

Caps and Ferrules made from Heavy Steel.

Beveled on both sides.

Length of Blades, inches.....	6	7	8	9	10	11	12
Per dozen.....	\$18.00	19.00	20.00	21.00	22.00	23.50	26.00

EXTRA WAGON MAKERS' DRAWING KNIVES NO. 7483.

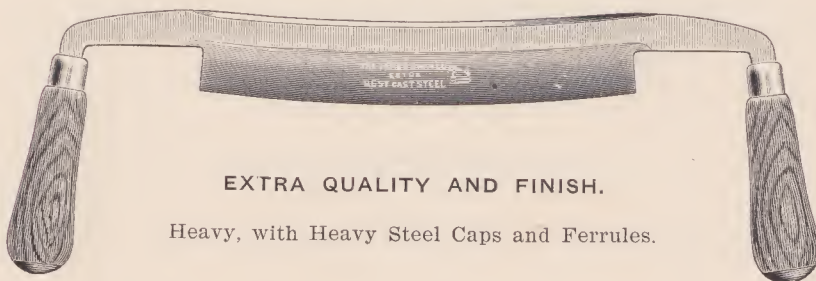


EXTRA QUALITY AND FINISH.

Caps and Ferrules made from Heavy Steel.

Length of Blades, inches.....	6	7	8	9	10	11	12
Per dozen.....	\$18.00	19.00	20.00	21.00	22.00	23.50	26.00

EXTRA SHINGLE KNIVES NO. 7484.



EXTRA QUALITY AND FINISH.

Heavy, with Heavy Steel Caps and Ferrules.

Length of Blades, inches.....	10	12	14	16
Per dozen.....	\$23.00	25.00	30.00	35.00

All above, half dozen in a wooden box.

EXTRA BRADLEY PATTERN DRAWING KNIVES NO. 7485.

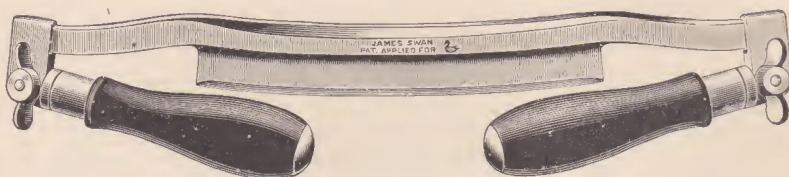


EXTRA QUALITY AND FINISH.

EXTRA HEAVY BLADES.

Length of Blades, inches.....	8	9	10	12
Per dozen.....	\$14.40	16.20	18.00	21.60

SWAN'S PATENT FOLDING HANDLE DRAWING KNIVES NO. 7432.

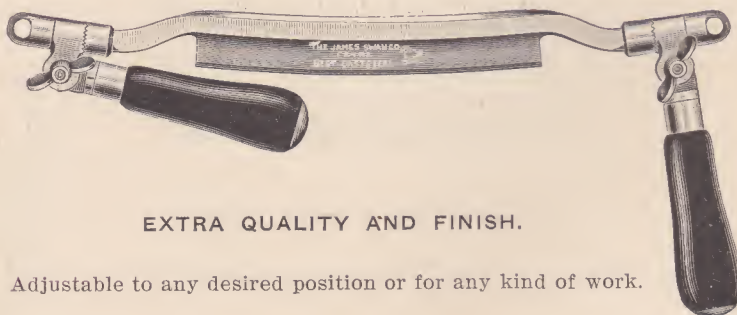


EXTRA QUALITY AND FINISH.

This is a very Strong and Superior Tool.

Length of Blades, inches.....	6	7	8	9	10
Per dozen.....	\$21.00	22.50	24.00	25.50	27.00

SWAN'S PATENT ADJUSTABLE AND FOLDING HANDLE DRAWING KNIVES NO. 7440.



EXTRA QUALITY AND FINISH.

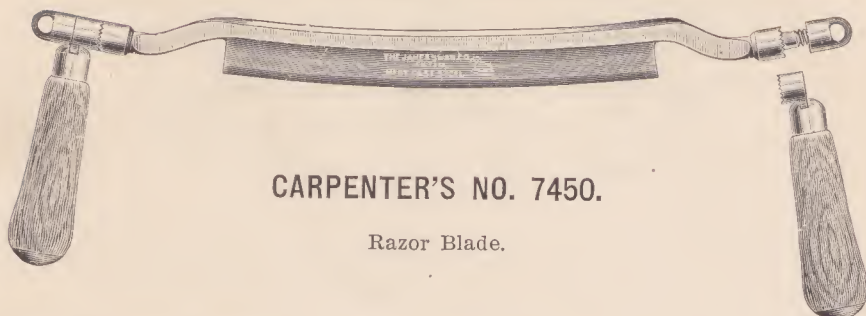
Adjustable to any desired position or for any kind of work.

Length of Blades, inches.....	6	7	8
Per dozen.....	\$21.00	22.50	24.00

All above, half dozen in a wooden box.

ADJUSTABLE HANDLE DRAWING KNIVES.

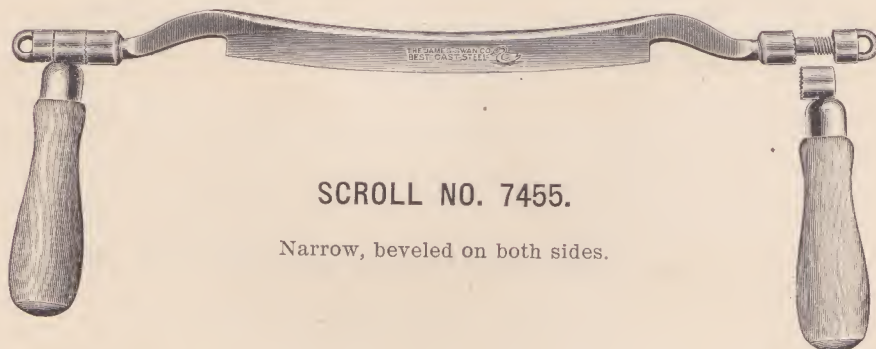
EXTRA QUALITY AND FINISH.



CARPENTER'S NO. 7450.

Razor Blade.

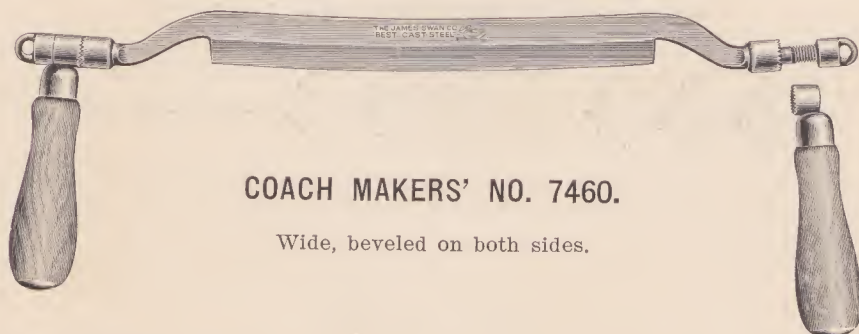
Length of Blades, inches.....	6	7	8	9	10	11	12
Per dozen.....	\$9.00	10.50	12.00	13.50	15.00	16.50	18.00



SCROLL NO. 7455.

Narrow, beveled on both sides.

Length of Blades, inches.....	6	7	8	9	10
Per dozen.....	\$9.00	10.50	12.00	13.50	15.00



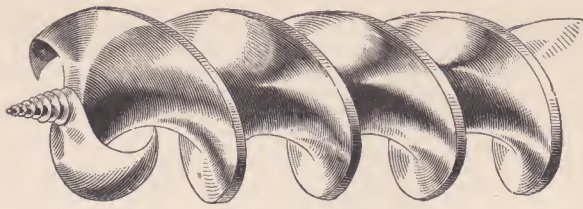
COACH MAKERS' NO. 7460.

Wide, beveled on both sides.

Length of Blades, inches.....	6	7	8	9	10	11	12
Per dozen.....	\$9.50	11.00	12.50	14.00	15.50	17.00	18.50

All above, half dozen in a wooden box.

COOK'S PATENT AUGERS AND BITS.



Particular attention is called to the form of the lips of these goods. There is no spur to force into the wood ahead of the cutting lip, which curves forward, so the wood is not torn in starting. This is the only Bit that will follow another bit and make the hole larger, and Cook's Bits will bore in end wood better than any other bits. We have made Cook's Bits for the past 37 years, and are fully equipped with new machinery for making first class tools.

COOK'S CAST STEEL CARPENTERS' AUGERS NO. 910.



Size, inches.....	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Per dozen.....	\$6.00	6.00	7.50	9.00	10.50	12.00	13.50
Size, inches.....	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
Per dozen.....	15.00	16.50	18.00	19.50	21.00	22.50	24.00

Half dozen in a box.

COOK'S CAST STEEL MILLWRIGHTS' AUGERS NO. 911.

Twist, 14 inches. Length over all, 33 inches. With Brass Nuts.							
Size, inches.....	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Per dozen.....	\$12.00	15.00	18.00	21.00	24.00	28.00	30.00
Size, inches.....	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
Per dozen.....	36.00	36.00	42.00	42.00	48.00	48.00	

Half dozen in a package.

COOK'S BORING MACHINE AUGERS NO. 920.



8 inch Twist, 12 inches over all. Shank 4 inches long, turned 2 inches long, $\frac{1}{2}$ inch diameter.							
Size, inches.....	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{4}$	$\frac{1}{2}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Per dozen.....	\$7.50	9.00	11.00	12.75	14.75	16.50	18.00
Size, inches.....	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
Per dozen.....	21.50	21.50	24.00	24.00	28.50	28.50	

Quarter dozen in a package.

ASSORTED IN SETS.

18 Quarters, one each, 1, $1\frac{1}{4}$, 2.....	Per set, \$5.50
23 Quarters, one each, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2.....	" 7.00
41 Quarters, one each, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2.....	" 12.50

One set in a package.

COOK'S RING AUGERS NO. 900.



Size, inches.....	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Per dozen.....	\$7.00	8.50	10.00	11.50	13.00	14.50	16.00
Size, inches.....	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	
Per dozen.....	17.50	19.00	20.50	22.00	23.50	25.00	

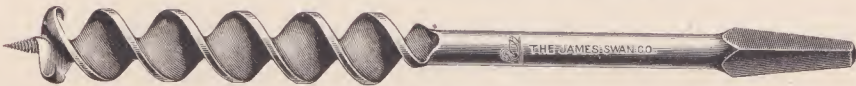
$\frac{1}{2}$ to 1 inch, half dozen in a package; $1\frac{1}{4}$ to 2 inches, quarter dozen.

ASSORTED IN SETS.

28 Quarters, one each, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2.....	Per set, \$11.00
41 Quarters, one each, $\frac{1}{2}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2.....	" 14.00

One set in a wooden box.

COOK'S CAST STEEL AUGER BITS NO. 90.



Size, 16ths.....	3	4	5	6	7	8	9	10
Per dozen.....	\$4.00	4.00	4.25	4.50	5.00	5.50	6.00	6.60
Size, 16ths.....	11	12	13	14	15	16	17	18
Per dozen.....	7.20	8.00	8.75	9.25	10.00	10.75	11.50	12.25
Size, 16ths.....	19	20	22	24	26	28	30	32
Per dozen.....	12.75	13.50	14.50	15.50	17.00	18.50	20.00	22.00

3 to 6-16 only, Single Twist, which is the strongest for Small Bits.
3 to 16-16, half dozen in a wooden box.

17 to 32-16, one-third dozen in a wooden box.

ASSORTED IN SETS.

21 Quarters, one each	Per set, \$5.50
24 Quarters, one each, 4, 5, 7, 9, 11, 12; 2 each, 6, 8, 10.....	" 6.00
32 $\frac{1}{2}$ Quarters, one each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16.....	" 7.50

One set in a wooden box.

COOK'S CAST STEEL CAR BITS NO. 91.



12 inch Twist, 18 inches over all.

Size, 16ths.....	4	5	6	7	8	9	10
Per dozen.....	\$6.50	6.50	7.50	9.00	10.25	11.25	12.75
Size, 16ths.....	11	12	13	14	15	16	
Per dozen.....	13.25	15.50	16.50	17.75	18.75	20.50	

Half dozen in a box.

ASSORTED IN SETS.

21 Quarters, one each	Per set, \$9.50
24 Quarters, one each, 4, 5, 7, 9, 11, 12; 2 each, 6, 8, 10.....	" 10.50
32 $\frac{1}{2}$ Quarters, one each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16.....	" 14.00

One set in a box.

COOK'S PLUG OR SUGAR BITS NO. 93.



Length over all, $6\frac{1}{2}$ inches.

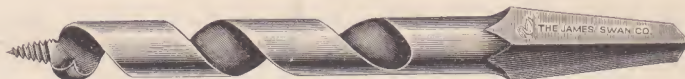
	3	4	5	6	7	8	9	10
Size, 16ths.....	3	4	5	6	7	8	9	10
Per dozen.....	\$4.00	4.00	4.25	4.50	5.00	5.50	6.00	6.60
Size, 16ths.....	11	12	13	14	15	16	17	18
Per dozen.....	7.20	8.00	8.75	9.25	10.00	10.75	11.50	12.25
Size, 16ths.....	19	20	22	24	26	28	30	32
Per dozen.....	12.75	13.50	14.50	15.50	17.00	18.50	20.00	22.00

4 to 6-16ths, Single Twist.

4 to 11, one dozen in a wooden box; 12 to 32, half dozen in a wooden box.

COOK'S DOWEL BITS NO. 94.

Length over all, 4 inches.



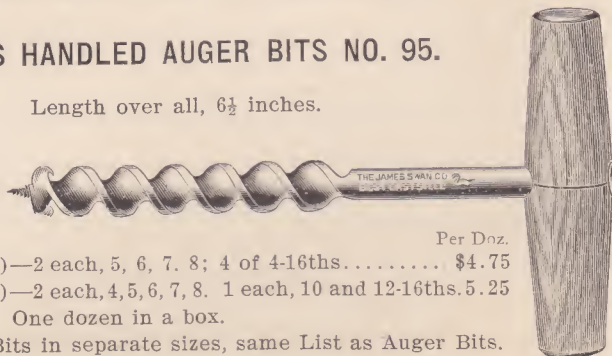
Full size cut of 5-16ths.

	4	5	6	7	8	9	10
Size, 16ths.....	4	5	6	7	8	9	10
Per dozen.....	\$3.75	4.00	4.25	4.50	5.00	5.50	6.25

4 to 6-16ths, Single Twist. One dozen in a box.

COOK'S HANDLED AUGER BITS NO. 95.

Length over all, $6\frac{1}{2}$ inches.



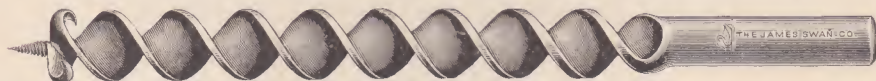
Per Doz.

Assorted, 4 to 8-16ths (12)—2 each, 5, 6, 7, 8; 4 of 4-16ths..... \$4.75
Assorted, 4 to 12-16ths (12)—2 each, 4, 5, 6, 7, 8. 1 each, 10 and 12-16ths. 5.25

One dozen in a box.

Cook's Handled Auger Bits in separate sizes, same List as Auger Bits.

COOK'S PATENT CAST STEEL MACHINE BITS NO. 92.



Shank— $\frac{1}{2}$ inch diameter, 2 inches long. Length of Twist—3, 4, 6, 9 and 12 inches.

6 inch Twist carried in stock; other sizes made to order.

	4	5	6	7	8	9	10	11	12
Size, 16ths.....	4	5	6	7	8	9	10	11	12
Per dozen.....	\$4.50	5.10	5.70	6.60	7.20	7.80	8.40	9.15	9.90
Size, 16ths.....	13	14	15	16	17	18	19	20	
Per dozen.....	10.80	11.70	12.60	13.50	14.40	15.30	16.20	17.10	
Size, 16ths.....	21	22	23	24	26	28	30	32	
Per dozen.....	18.00	18.90	19.80	20.70	22.50	24.30	26.10	27.90	

4 to 16-16ths, half dozen in a box. 17 to 32-16ths, quarter dozen in a box.

SWAN'S JENNINGS' PATTERN AUGER BITS NO. 80.



Polished.									
Size, 16ths.....	3	4	5	6	7	8	9	10	11
Per dozen.....	\$3.40	3.00	3.40	3.80	4.40	4.80	5.20	5.60	6.10
Size, 16ths.....	12	13	14	15	16	17	18	19	20
Per dozen.....	6.60	7.20	7.80	8.40	9.00	9.60	10.20	10.80	11.40
Size, 16ths.....	21	22	23	24	26	28	30	32	
Per dozen.....	12.00	12.60	13.20	13.80	15.00	16.20	17.40	18.60	

3 to 16-16ths, half dozen in a wooden box; 17 to 32-16ths, one-third dozen.

ASSORTED IN SETS.

24 Quarters, one each, 4, 5, 7, 9, 11 and 12; 2 each, 6, 8, 10.....Per set, \$4.75
 32½ Quarters, one each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16..... " 6.25

SWAN'S JENNINGS' PATTERN AUGER BITS.

Blued, No. 86, same list as Extra Bits No. 70.

With Black Lip, No. 87, same list as Extra Bits No. 70.

Also furnished in Millimetre sizes when so specified.

SWAN'S JENNINGS' PATTERN CAR BITS NO. 81.



12 inch Twist, 18 inches over all.

Size, 16ths....	4	5	6	7	8	9	10	11	12	13	14	15	16
Per doz.....	\$6.00	6.80	7.60	8.80	9.60	10.40	11.20	12.20	13.20	14.40	15.60	16.80	18.00

Half dozen in a box.

ASSORTED IN SETS.

24 Quarters, one each, 4, 5, 7, 9, 11 and 12; 2 each, 6, 8, 10.....Per set, \$9.50
 32½ Quarters, one each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16..... " 12.50

SWAN'S JENNINGS' PATTERN PATENT CAST STEEL MACHINE BITS NO. 82.



6 inch Twist, Shank ½ inch in diameter, 2 inches long, is regular. 3, 4 9 and 12 inch Twist made to order. Prices on application.

Size, 16ths.....	4	5	6	7	8	9	10	11	12
Per dozen.....	\$4.50	5.10	5.70	6.60	7.20	7.80	8.40	9.15	9.90
Size, 16ths.....	13	14	15	16	17	18	19	20	
Per dozen.....	10.80	11.70	12.60	13.50	14.40	15.30	16.20	17.10	
Size, 16ths.....	21	22	23	24	26	28	30	32	
Per dozen.....	18.00	18.90	19.80	20.70	22.50	24.30	26.10	27.90	

4 to 16-16ths, half dozen in a box. 17 to 32-16ths, quarter dozen in a box.

SWAN'S JENNINGS' PATTERN DOWEL BITS NO. 84.

Long, 4½ inches; short, 3 inches.

Size, 16ths.....	4	5	6	7	8	9	10	
Per dozen.....	\$3.75	4.00	4.25	4.50	5.00	5.50	6.25	

One dozen in a box.

CAST STEEL AUGERS NO. 110.

REGULAR QUALITY AND FINISH.



Size, inches.....	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Per dozen.....	\$6.00	6.00	7.00	8.00	9.00	10.00	11.00
Size, inches.....	$1\frac{1}{4}$	$1\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2	
Per dozen.....	12.00	15.00	15.00	18.00	18.00	22.00	

Half dozen in a box.

EXTRA CAST STEEL AUGERS NO. 710.

EXTRA QUALITY AND FINISH.



Size, inches....	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Per dozen.....	\$6.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	15.00	18.00
Size, inches....	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4	
Per dozen.....	22.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	120.00	

$\frac{3}{8}$ to 2 inches, half dozen in a box; $2\frac{1}{4}$ to 4 inches, quarter dozen in package.

ASSORTED IN SETS.

28 Quarters, one each, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2.....	Per set, \$6.25
41 Quarters, one each, $\frac{1}{2}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2.....	" 9.25

One set in a package.

EXTRA MILLWRIGHTS' AUGERS NO. 711.

EXTRA QUALITY AND FINISH.



14 inch twist, 33 inches long, Solid Steel, Brass Nuts.

Size, inches.....	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$1\frac{1}{16}$	$\frac{3}{4}$
Per dozen.....	\$12.00	12.00	15.00	15.00	18.00	18.00
Size, inches.....	$1\frac{1}{16}$	$\frac{7}{8}$	$1\frac{5}{16}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Per dozen.....	21.00	21.00	24.00	24.00	26.00	30.00
Size, inches.....	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	
Per dozen.....	36.00	38.50	42.00	45.00	48.00	

Quarter dozen in a package.

ASSORTED IN SETS.

28 Quarters, one each, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2.....	Per set, \$18.00
41 Quarters, one each, $\frac{1}{2}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2.....	" 24.00

Millwrights' Augers, with Rings, furnished to order at an advance of \$1.50 per dozen on list prices. One set in a package.

EXTRA RAFTING AUGERS NO. 703.

EXTRA QUALITY AND FINISH.



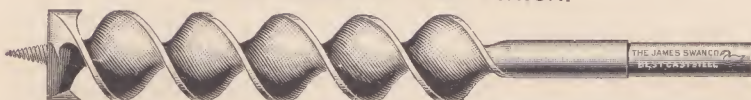
Heavy, with 16 inch Twist, 30 inches over all.

Size, inches.	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$	4
Per dozen..	\$27.00	30.00	36.00	42.00	60.00	70.00	85.00	100.00	120.00	140.00

Quarter dozen in a package.

EXTRA CAST STEEL BORING MACHINE AUGERS NO. 720.

EXTRA QUALITY AND FINISH.



8 inch Twist, 12 inches over all. Shank 4 inches long, turned 2 inches long,
 $\frac{1}{2}$ inch diameter.

Size, inches.....	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen.....	\$10.00	10.00	10.00	10.00	10.00	10.00	12.00
Size, inches.....	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
Per dozen.....	13.00	14.00	16.00	17.00	20.00	24.00	

Quarter dozen in a package.

ASSORTED IN SETS.

18 Quarters, one each, $1, 1\frac{1}{8}, 2, \dots$	Per set, \$4.60
23 Quarters, one each, $1, 1\frac{1}{8}, 1\frac{1}{4}, 2, \dots$	" 5.70
28 Quarters, one each, $\frac{1}{4}, \frac{3}{8}, 1, 1\frac{1}{4}, 1\frac{1}{2}, 2, \dots$	" 7.25
41 Quarters, one each, $\frac{1}{4}, \frac{3}{8}, \frac{1}{2}, \frac{5}{8}, 1, 1\frac{1}{4}, 1\frac{1}{2}, 1\frac{3}{4}, 2, \dots$	" 10.60

One set in a package.

EXTRA SHORT RING AUGERS, BLACK LIP, NO. 700.

EXTRA QUALITY AND FINISH.



Size, inches....	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$
Per dozen....	\$8.50	8.50	8.50	9.50	10.50	11.50	12.50	13.50	14.50	17.50
Size, inches....	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	
Per dozen.....	17.50	20.50	20.50	24.50	42.50	52.50	74.50	94.50	124.50	

To 1 inch, half dozen in a package; larger, quarter dozen.

EXTRA LONG RING AUGERS, BLACK LIP, NO. 701.

EXTRA QUALITY AND FINISH.



Size, inches...	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$
Per dozen....	\$9.00	9.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	18.00
Size, in...	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4
Per doz...	18.00	21.00	21.00	25.00	25.00	43.00	53.00	75.00	95.00	125.00

To 1 inch, half dozen in a package; larger, quarter dozen.

EXTRA LONG RING CAST STEEL BRIGHT LIP OR CUBAN AUGERS NO. 702.

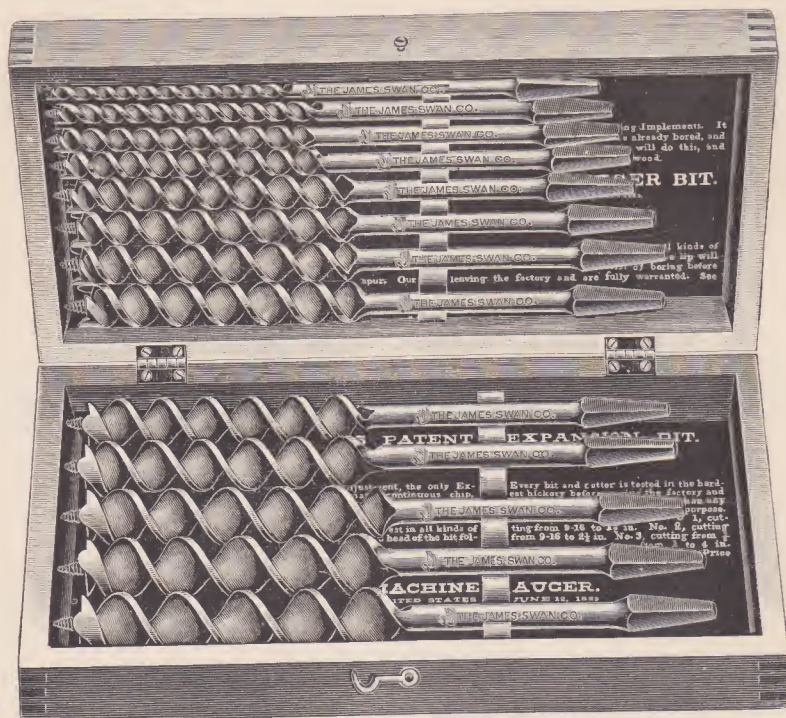
EXTRA QUALITY AND FINISH.



Size, inches.....	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Per dozen.....	\$10.00	10.00	10.00	11.00	12.00	13.00	14.00	15.00
Size, inches.....	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{8}$
Per dozen.....	16.00	19.00	19.00	22.00	22.00	26.00	26.00	44.00
Size, inches.....	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4
Per dozen.....	44.00	54.00	66.00	76.00	86.00	96.00	106.00	126.00

To 1 inch, half dozen in a package; larger, quarter dozen.

AUGER BITS, ASSORTED IN WOODEN BOXES.



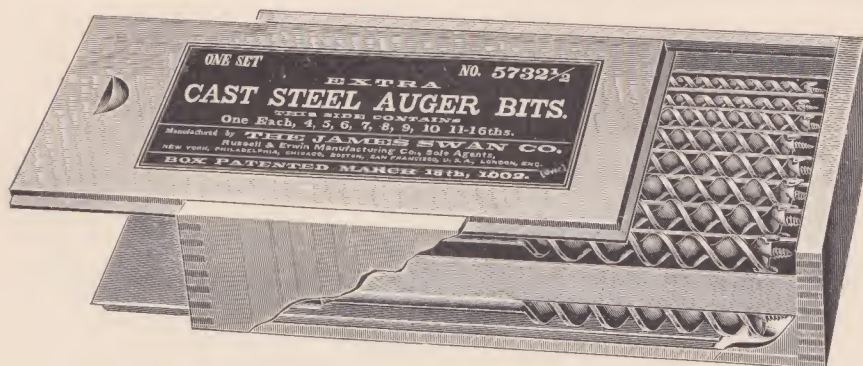
For the convenience of Mechanics and Woodworkers we are now packing our Auger Bits in boxes as above illustrated. These boxes are made of hardwood, with patented spring racks that hold the Bits securely in their places. The holding springs may be made tighter or looser, as desired.

All of our Auger Bits packed in this manner are carefully selected, and are fully warranted.

Set No.		Per Set.
1114.	Cast Steel Bits No. 10, 6 Bits, 1 each, 4, 6, 8, 10, 12, 16-16ths.....	\$2.10
1118.	Cast Steel Bits No. 10, 9 Bits, 1 each, 4, 5, 6, 7, 8, 9, 10, 11, 12-16ths.....	2.60
1120½.	Cast Steel Bits No. 10, 9 Bits, 1 each, 4, 5, 6, 7, 8, 10, 12, 14, 16-16ths....	2.90
1132½.	Cast Steel Bits No. 10, 13 Bits, 1 each, 4 to 16-16ths.....	4.50
1714.	Extra Bits No. 70, 6 Bits, 1 each, 4, 6, 8, 10, 12, 16-16ths..	2.30
1718.	Extra Bits No. 70, 9 Bits, 1 each, 4, 5, 6, 7, 8, 9, 10, 11, 12-16ths.....	2.85
1720½.	Extra Bits No. 70, 9 Bits, 1 each, 4, 5, 6, 7, 8, 10, 12, 14, 16-16ths.....	3.15
1732½.	Extra Bits No. 70, 13 Bits, 1 each, 4 to 16-16ths.....	4.65
1514.	Rapid Bits No. 50, 6 Bits, 1 each, 4, 6, 8, 10, 12, 16-16ths....	2.50
1518.	Rapid Bits No. 50, 9 Bits, 1 each, 4, 5, 6, 7, 8, 9, 10, 11, 12-16ths.....	3.00
1520½.	Rapid Bits No. 50, 9 Bits, 1 each, 4, 5, 6, 7, 8, 10, 12, 14, 16-16ths.....	3.50
1532½.	Rapid Bits No. 50, 13 Bits, 1 each, 4 to 16-16ths.....	5.00
1232½.	Swan's Single Twist Bits No. 20, 13 Bits, 1 each, 4 to 16-16ths.....	6.25
All the above packed in Chestnut Boxes.		
1832½.	Jennings' Pattern Bits No. 80, packed in Chestnut Boxes—	
	13 Bits, 1 each, 4 to 16-16ths.....	5.30
4832½.	Jennings' Pattern Bits No. 80, packed in Black Walnut Boxes—	
	13 Bits, 1 each, 4 to 16-16ths.....	6.00
18732½.	Jennings' Pattern Bits, Black Lip, No. 87, packed in Chestnut Boxes—	
	13 Bits, 1 each, 4 to 16-16ths.....	4.65
18632½.	Jennings' Pattern Bits, Blued, No. 86, packed in Chestnut Boxes—	
	13 Bits, 1 each, 4 to 16-16ths.....	4.65
1932½.	Cook's Bits No. 90, packed in Chestnut Boxes, 13 Bits, 1 each, 4 to 16-16ths...	5.90
4932½.	Cook's Bits No. 90, packed in Black Walnut Boxes, 13 Bits, 1 each, 4 to 16-16ths.	6.70

One set in a box.

AUGER BITS, ASSORTED IN PATENTED COMPARTMENT BOXES.

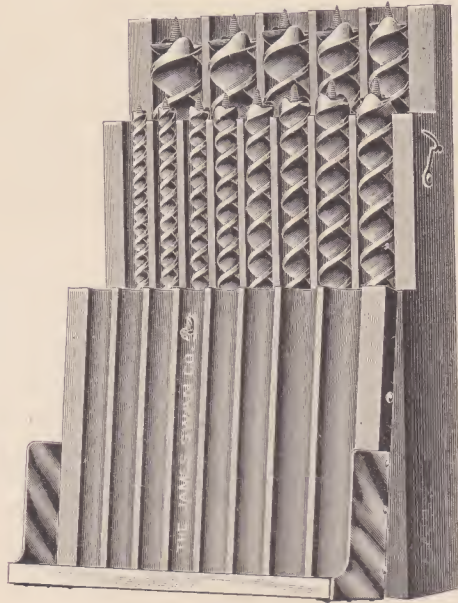


The Auger Bits are packed in sets of 6 and 13, the set of 6 having one Slide Cover and the set of 13 having two. These Patented Compartment Boxes are the most practical and durable known. They are compact and convenient, have no hinges to break or springs to get out of order, and are made of hardwood varnished and well finished. The Bits are placed in grooves, cannot come in contact with each other, and any Bit may be removed without interfering with the others. All of our Auger Bits packed in this manner are carefully selected and are fully warranted.

Set No.		Per Set.
5111.	Cast Steel Auger Bits No. 10, 6 Bits, 1 each, 4, 5, 6, 8, 10, 12-16ths....	\$1.50
5114.	Cast Steel Auger Bits No. 10, 6 Bits, 1 each, 4, 6, 8, 10, 12, 16-16ths...	2.10
5132 1/2.	Cast Steel Auger Bits No. 10, 13 Bits, 1 each, 4 to 16-16ths.....	4.50
5732 1/2.	Extra Auger Bits No. 70, 13 Bits, 1 each, 4 to 16-16ths.....	4.65
5532 1/2.	Rapid Auger Bits No. 50, 13 Bits, 1 each, 4 to 16-16ths.....	5.00
5211.	Swan's Single Twist Auger Bits No. 20—	
	6 Bits, 1 each, 4, 5, 6, 8, 10, 12-16ths.....	2.75
5214.	Swan's Single Twist Auger Bits No. 20—	
	6 Bits, 1 each, 4, 6, 8, 10, 12, 16-16ths.....	4.25
5232 1/2.	Swan's Single Twist Auger Bits No. 20—	
	13 Bits, 1 each, 4 to 16-16ths.....	7.00
5811.	Jennings' Pattern Auger Bits, Bright, No. 80—	
	6 Bits, 1 each, 4, 5, 6, 8, 10, 12-16ths.....	2.00
5814.	Jennings' Pattern Auger Bits, Bright, No. 80—	
	6 Bits, 1 each, 4, 6, 8, 10, 12, 16-16ths.....	2.50
5832 1/2.	Jennings' Pattern Auger Bits, Bright, No. 80—	
	13 Bits, 1 each, 4 to 16-16ths.....	5.30
58611.	Jennings' Pattern Auger Bits, Blued, No. 86—	
	6 Bits, 1 each, 4, 5, 6, 8, 10, 12-16ths.....	1.50
58614.	Jennings' Pattern Auger Bits, Blued, No. 86—	
	6 Bits, 1 each, 4, 6, 8, 10, 12, 16-16ths.....	2.30
58632 1/2.	Jennings' Pattern Auger Bits, Blued, No. 86—	
	13 Bits, 1 each, 4 to 16-16ths.....	4.65
58732 1/2.	Jennings' Pattern Auger Bits, Black Lip, No. 87—	
	13 Bits, 1 each, 4 to 16-16ths.....	4.65
5932 1/2.	Cook's Auger Bits No. 90, 13 Bits, 1 each, 4 to 16-16ths.....	5.90

One set in a box.

AUGER BITS IN SEPARATE COMPARTMENT BOXES.



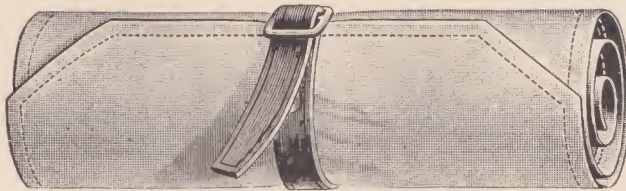
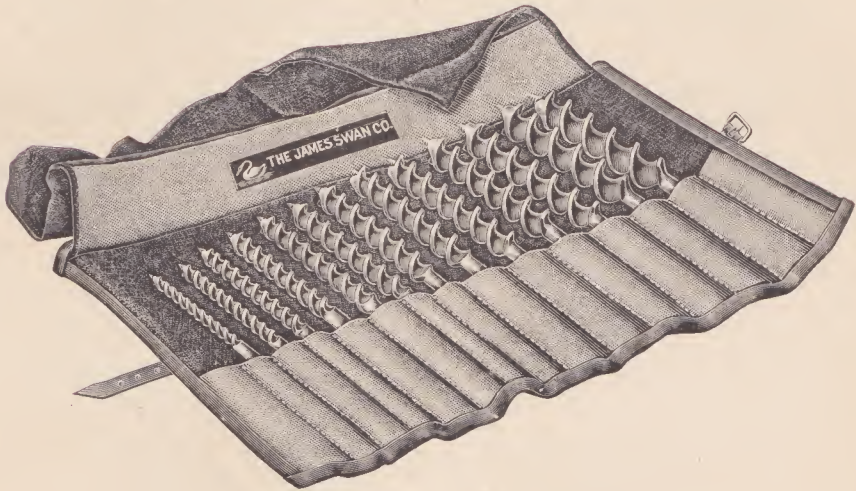
The Auger Bits are packed in complete sets of 32 $\frac{1}{2}$ quarters in a box of hard-wood and nicely finished, each bit secure in itself and properly fitting the hole bored for it. Very handy and practical. Any size instantly removed without interference with the other.

All of our Auger Bits packed in this manner are carefully selected and are fully warranted.

Set No.		Per Set.
3132 $\frac{1}{2}$.	Cast Steel Auger Bits No. 10, 13 bits, 4 to 16-16ths.....	\$4.50
3732 $\frac{1}{2}$.	Extra Auger Bits No. 70, 13 bits, 4 to 16-16ths.....	4.65
3532 $\frac{1}{2}$.	Rapid Auger Bits No. 50, 13 bits, 4 to 16-16ths.....	5.00
3232 $\frac{1}{2}$.	Swan's Single Twist Auger Bits No. 20, 13 bits, 4 to 16-16ths.....	7.00
3832 $\frac{1}{2}$.	Jennings' Pattern Auger Bits, Bright, No. 80, 13 bits, 4 to 16-16ths..	5.30
38632 $\frac{1}{2}$.	Jennings' Pattern Auger Bits, Blued, No. 86, 13 bits, 4 to 16-16ths...	4.65
38732 $\frac{1}{2}$.	Jennings' Pattern Auger Bits, Black, No. 87, 13 bits, 4 to 16-16ths...	4.65
3932 $\frac{1}{2}$.	Cook's Auger Bits No. 90, 13 bits, 4 to 16-16ths.....	5.90

One set in a box.

AUGER BITS, ASSORTED IN CANVAS ROLLS.



Cuts illustrate a Flexible Canvas Roll, open and closed. These rolls are made of heavy, slate colored canvas, properly lined with canton flannel and extra flap, securely holding each Bit in its separate pocket. It measures, with the Bits complete when rolled up, 3x11 inches. All of our Auger Bits packed in this manner are carefully selected and fully warranted.

Set No.		Per Set.
0132½.	Cast Steel Auger Bits No. 10, 13 Bits, 1 each, 4 to 16-16ths.....	\$4.45
0732½.	Extra Auger Bits No. 70, 13 Bits, 1 each, 4 to 16-16ths.....	4.85
0532½.	Rapid Auger Bits No. 50, 13 Bits, 1 each, 4 to 16-16ths.....	5.20
0232½.	Swan's Single Twist Auger Bits No. 20, 13 Bits, 1 each, 4 to 16-16ths.	5.50
0832½.	Jennings' Pattern Auger Bits, Bright, No. 80—	
	13 Bits, 1 each, 4 to 16-16ths.....	5.50
08632½.	Jennings' Pattern Auger Bits, Blued, No. 86—	
	13 Bits, 1 each, 4 to 16-16ths.....	4.85
0932½.	Cook's Patent Auger Bits No. 90, 13 Bits, 1 each, 4 to 16-16ths.....	6.10
	One Roll, complete with Bits in a package.	

"RAPID" AUGER BITS NO. 50.

EXTRA QUALITY AND FINISH.

The Quickest and Easiest Boring Bit Made.



Size, 16ths.....	3	4	5	6	7	8	9	10
Per dozen.....	\$4.00	3.50	3.50	3.75	3.75	4.00	4.25	4.50
Size, 16ths.....	11	12	13	14	15	16	17	18
Per dozen.....	5.00	5.50	6.00	6.50	7.25	8.00	9.00	10.00
Size, 16ths.....	20	22	24	26	28	30	32	
Per dozen.....	11.00	12.00	14.00	15.00	16.00	18.00	20.00	

3 to 11-16ths, one dozen; 12 to 16-16ths, one-half dozen; 17 to 32-16ths, one third

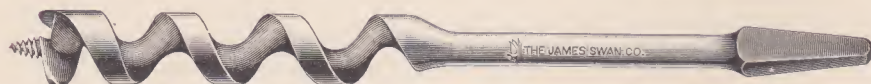
dozen in a wooden box.

ASSORTED IN SETS.

Size, 16ths....	4	5	6	7	8	9	10	11	12	13	14	15	16	
32½ Quarters..	1	1	1	1	1	1	1	1	1	1	1	1	1	Per set, \$5.75
24 Quarters..	1	1	2	1	2	1	2	1	1	..	..	..	..	" 4.25
21 Quarters..	2	1	1	1	2	1	1	1	1	..	..	..	..	" 3.80
21 Quarters..	1	1	3	3	2	1	1	..	..	..	..	..	..	" 3.95
20½ Quarters..	1	1	1	1	1	..	1	..	1	..	1	..	1	" 3.70
18 Quarters..	1	1	1	1	1	1	1	1	1	..	..	..	..	" 3.25
14 Quarters..	1	..	1	..	1	..	1	..	1	..	..	..	1	" 2.50

One set in a box. Also furnished in millimetre sizes when so specified.

SWAN'S SINGLE TWIST AUGER BITS NO. 20.



Size, 16ths.....	3	4	5	6	7	8	9	10	11
Per dozen.....	\$3.40	3.00	3.40	3.80	4.40	4.80	5.20	5.60	6.10
Size, 16ths.....	12	13	14	15	16	17	18	19	20
Per dozen.....	6.60	7.20	7.80	8.40	9.00	9.60	10.20	10.80	11.40
Size, 16ths.....	21	22	23	24	26	28	30	32	
Per dozen.....	12.00	12.60	13.20	13.80	15.00	16.20	17.40	18.60	

3 to 16-16ths, half dozen in a wooden box; 17 to 32-16ths, one-third dozen.

ASSORTED IN SETS.

32½ Quarters, one each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16.....	Per set, \$6.25
24 Quarters, one each, 4, 5, 7, 9, 11 and 12; 2 each, 6, 8, 10.....	" 4.75

One set in a box.

EXTRA CAST STEEL AUGER BITS NO. 70.

EXTRA QUALITY AND FINISH.



Size, 16ths.....	3	4	5	6	7	8	9	10
Per dozen.....	\$4.00	3.50	3.50	3.75	3.75	4.00	4.25	4.50
Size, 16ths.....	11	12	13	14	15	16	17	18
Per dozen.....	5.00	5.50	6.00	6.50	7.25	8.00	9.00	10.00
Size, 16ths.....	20	22	24	26	28	30	32	
Per dozen.....	11.00	12.00	14.00	15.00	16.00	18.00	20.00	

3 to 11-16ths, one dozen; 12 to 16-16ths, one-half dozen; 17 to 32-16ths, one-third dozen in a box.

ASSORTED IN SETS.

Size, 16ths...	4	5	6	7	8	9	10	11	12	13	14	15	16	
32½ Quarters..	1	1	1	1	1	1	1	1	1	1	1	1	1	Per set, \$5.75
24 Quarters..	1	1	2	1	2	1	2	1	1	..	..	..	..	" 4.25
21 Quarters..	2	1	1	1	2	1	1	1	1	..	..	..	..	" 3.80
21 Quarters..	1	1	3	3	2	1	1	..	..	..	..	..	..	" 3.95
20½ Quarters..	1	1	1	1	1	..	1	..	1	..	1	..	1	" 3.70
18 Quarters..	1	1	1	1	1	1	1	1	1	..	..	..	..	" 3.25
14 Quarters..	1	..	1	..	1	..	1	..	1	..	..	1	..	" 2.50

One set in a box. Also furnished in millimetre sizes when so specified.

EXTRA CAST STEEL CAR BITS NO. 71.

EXTRA QUALITY AND FINISH.



12 inch Twist, 18 inches over all.

Size, 16ths.....	4	5	6	7	8	9	10
Per dozen.....	\$6.50	6.50	7.50	9.00	10.25	11.25	12.75
Size, 16ths.....	11	12	13	14	15	16	
Per dozen.....	13.25	15.50	16.50	17.75	18.75	20.50	

Half dozen in a box.

ASSORTED IN SETS.

32½ Quarters, one each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16.....	Per set, \$14.00
24 Quarters, one each, 4, 5, 7, 9, 11, 12; 2 each, 6, 8, 10.....	" 10.50

One set in a box.

EXTRA CAST STEEL PLUG OR SUGAR BITS NO. 73.

EXTRA QUALITY AND FINISH.



Length over all, 6½ inches.

Size, 16ths.....	4	5	6	7	8	9
Per dozen.....	\$3.50	3.50	3.75	3.75	4.00	4.25
Size, 16ths.....	10	11	12	13	14	15
Per dozen.....	4.50	5.00	5.50	6.00	6.50	7.25
Size, 16ths.....	16	17	18	20	22	24
Per dozen.....	8.00	9.00	10.00	11.00	12.00	14.00

4 to 11-16ths, one dozen in a box; 12 to 24-16ths, half dozen.

EXTRA CYCLONE TAPPING BITS NO. 60.



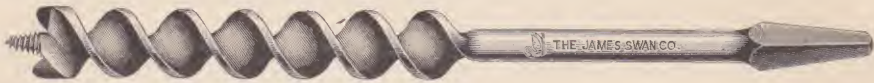
Length over all, 6¼ inches.

Size, 16ths.....	6	7	8
Per dozen.....	\$4.50	5.00	5.50

Made only in three sizes. One dozen in a box.

CAST STEEL AUGER BITS NO. 10.

This Bit, our old No. 1, was Patented in the United States and in England. We also have Patented Machinery for making the goods, which insures their being true, and accounts for the Quality and Finish.



Size, 16ths.....	3	4	5	6	7	8	9	10	11
Per dozen.....	\$4.00	3.50	3.50	3.75	3.75	4.00	4.25	4.50	5.00
Size, 16ths.....	12	13	14	15	16	18	20	22	24
Per dozen.....	5.50	6.00	6.50	7.25	8.00	10.00	11.00	12.00	14.00

3 to 11-16ths, one dozen; 12 to 16-16ths, one-half dozen; 18 to 24-16ths, one-third dozen in a wooden box.

ASSORTED IN SETS.

Size, 16ths....	4	5	6	7	8	9	10	11	12	13	14	15	16	
32 $\frac{1}{2}$ Quarters..	1	1	1	1	1	1	1	1	1	1	1	1	1	Per set, \$5.75
24 Quarters..	1	1	2	1	2	1	2	1	1	..	..	..	..	" 4.25
21 Quarters..	2	1	1	1	2	1	1	1	1	..	..	..	..	" 3.80
21 Quarters..	1	1	3	3	2	1	1	..	..	..	..	..	..	" 3.95
20 $\frac{1}{2}$ Quarters..	1	1	1	1	1	..	1	..	1	..	1	..	1	" 3.70
18 Quarters..	1	1	1	1	1	1	1	1	1	..	..	..	..	" 3.25
14 Quarters..	1	..	1	..	1	..	1	..	1	..	..	1	..	" 2.50

One set in a wooden box.

FOR EXPORT TRADE ONLY.

In Millimetre sizes.



No. 15, Square Shank.



No. 16, Flat Shank.

Furnished with Square or Flat Shank.

Size, mm.....	4	5	6	7	8	9	10	11	12
Per dozen.....	\$4.00	3.50	3.50	3.50	3.50	3.75	3.75	3.75	4.00
Size, mm.....	13	14	15	16	17	18	19	20	21
Per dozen.....	4.00	4.25	4.25	4.50	5.00	5.00	5.50	5.50	6.00
Size, mm.....	22	23	24	25	26	27	28	30	
Per dozen.....	6.50	6.75	7.25	8.00	8.00	9.00	10.00	11.00	
Size, mm.....	32	33	34	35	36	38	40	45	
Per dozen.....	11.00	12.00	12.00	12.00	13.00	14.00	15.00	17.00	

4 mm. to 18 mm., one dozen; 19 mm. to 27 mm., one-half dozen; 28 mm. to 45 mm., one-third dozen in a box.

ASSORTED IN SETS.

130 mm., one each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16..... Per set, \$5.75

One set in a wooden box.

In ordering specify style of Shank wanted.

EXTRA CAST STEEL HANDLED AUGER BITS NO. 75.

EXTRA QUALITY AND FINISH.



Length over all, $6\frac{1}{2}$ inches.

Assorted, 4 to 8-16ths (12)—2 each, 5, 6, 7, 8; 4 of 4-16ths.....Per dozen, \$4.00

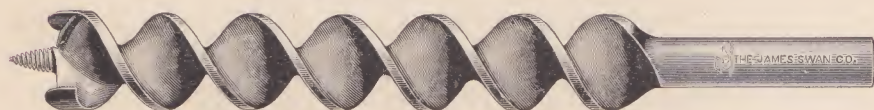
Assorted, 4 to 12-16ths (12)—2 each, 4, 5, 6, 7, 8; 1 each, 10, 12-16ths.. " 4.25

One dozen in a box.

Handled Auger Bits in separate sizes, same list as Extra Bits No. 70.

EXTRA CAST STEEL MACHINE BITS NO. 72.

EXTRA QUALITY AND FINISH.



6 inch Twist, Shank $\frac{1}{2}$ inch diameter, 2 inches long, is Regular.

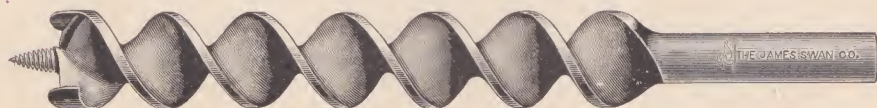
3, 4, 9 and 12 inch Twist made to order. Prices on application.

Size, 16ths.....	4	5	6	7	8	9	10
Per dozen.....	\$6.00	6.50	7.00	8.25	9.50	10.50	11.50
Size, 16ths.....	11	12	13	14	15	16	17
Per dozen.....	12.50	14.00	15.50	16.75	18.00	19.50	21.00
Size, 16ths.....	18	19	20	21	22	23	24
Per dozen.....	22.50	24.00	25.50	27.00	28.50	30.00	31.50

4 to 16, half dozen in a box; 17 to 32-16ths, quarter dozen.

CAST STEEL MACHINE BITS NO. 12.

REGULAR QUALITY AND FINISH.



Shank $\frac{1}{2}$ inch diameter, 2 inches long. Length of Twist, 4, 5 and 6 inches; 6 inches is Regular.

Size, 16ths.....	4	5	6	7	8	9	10
Per dozen.....	\$6.00	6.50	7.00	8.25	9.50	10.50	11.50
Size, 16ths.....	11	12	13	14	15	16	17
Per dozen.....	12.50	14.00	15.50	16.75	18.00	19.50	21.00
Size, 16ths.....	18	19	20	21	22	23	24
Per dozen.....	22.50	24.00	25.50	27.00	28.50	30.00	31.50

4 to 16, half dozen in a box; 17 to 24-16ths, quarter dozen.

EXTRA CAST STEEL DOWEL BITS NO. 74.

EXTRA QUALITY AND FINISH.



Furnished in two lengths—Short, 3 inches; Long, $4\frac{1}{2}$ inches.

Size, 16ths.....	4	5	6	7	8	9	10
Per dozen.....	\$3.50	3.50	3.75	3.75	4.00	4.25	4.50

In ordering specify which is wanted, Short or Long.

One dozen in a box.

DOUBLE CUT GIMLET BITS NO. 6070.

Made from Best Cast Steel, and Carefully Tempered.

POLISHED.



No. 1.



No. 2.



No. 3.



No. 4.



No. 5.



No. 6.

No.	1	2	3	4	5	6	Assorted 1 to 6
Per dozen.....	\$1.00	1.12 $\frac{1}{2}$	1.25	1.37 $\frac{1}{2}$	1.50	1.62	1.25

Separate sizes. One dozen in a box. Assorted, three dozen in a box.

SWAN'S GERMAN GIMLET BITS NO. 6030.

SOLID CRUCIBLE STEEL. FINISHED BLACK.

The Swan German Bits have been improved after careful experiments based on suggestions made by the largest users. We warrant them to be the best goods manufactured.



Size, 32ds, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12..... Per dozen, \$1.00
Assorted, 4 to 8-32ds..... " 1.00

One dozen in a box.

SWAN'S TWIST DRILLS FOR WOOD NO. 6040.

SOLID CRUCIBLE STEEL.

Exceptional care is taken in the production of these Wood Boring Drills, and their high quality is guaranteed.



Size, 32ds.....	2	3	4	5	6	7	8	9	10	11
Per dozen.....	\$1.60	1.60	1.60	1.75	2.00	2.50	3.00	3.50	3.50	4.00
Size, 32ds.....	12	13	14	15	16	17	18	19	20	
Per dozen.....	4.00	4.50	4.50	5.00	5.00	5.50	5.50	6.00	6.00	
Assorted (1 each, 4, 5, 6, 7, 8, 10, 12, 14, 16, 18-32ds).....										Per set, \$2.75

One dozen in a wooden box.

EXTRA LENGTH BITS AND DRILLS.

For Bell Hangers, Telephone and Telegraph Work.



GERMAN BIT NO. 6031.

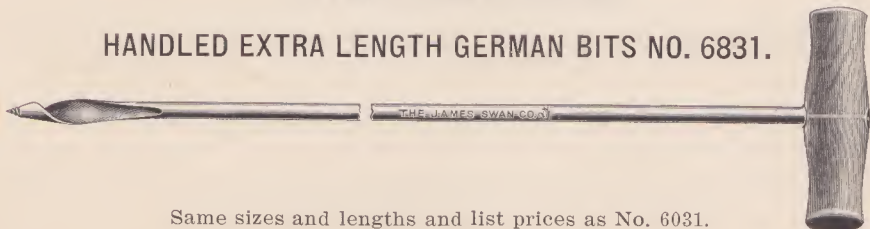


TWIST DRILL NO. 6041.

Size, 32ds.....	6	8	10	12	14	16	18	20	
Length—									
12 inches.....	\$5.00	5.00	5.50	6.00	7.00	8.00	9.00	10.00	per dozen.
18 ".....	7.00	7.00	7.50	8.00	9.00	10.00	11.00	12.00	"
24 ".....	9.00	9.00	9.50	10.00	11.00	12.00	13.00	14.00	"
30 ".....	11.00	11.00	12.00	12.00	13.00	14.00	15.00	15.00	"
36 ".....	13.00	13.00	13.00	13.00	14.00	15.00	16.00	16.00	"

One-quarter dozen in a package.

HANDLED EXTRA LENGTH GERMAN BITS NO. 6831.



Same sizes and lengths and list prices as No. 6031.

SWAN'S CLARK'S PATTERN EXPANSIVE BITS.

MADE WITH ESPECIAL CARE FROM MATERIALS OF THE HIGHEST QUALITY. SUPERIOR FINISH.



- | | |
|------------------------------------------------------------------------|--------------------|
| No. 6. Small, cutting from $\frac{1}{2}$ to $1\frac{1}{2}$ inches..... | Per dozen, \$18.00 |
| No. 7. Large, cutting from $\frac{3}{4}$ to 3 inches..... | " 26.00 |

One in a box. Half dozen in a package.

SWAN'S PATENT EXPANSIVE BITS.

RAPID BORING, SECURE AND EXACT ADJUSTMENT, THE ONLY EXPANSIVE BIT MADE WITH A TWIST, TAKING OUT A CONTINUOUS CHIP.



- | | |
|------------------------------------------------------------------------|--------------------|
| No. 1. Small, cutting from $\frac{1}{2}$ to $1\frac{1}{2}$ inches..... | Per dozen, \$18.00 |
| No. 2. Large, cutting from $\frac{3}{4}$ to 3 inches..... | " 26.00 |

One in a box. Half dozen in a package.

EXTRA CUTTERS.

Interchangeable for both Swan's Clark's Pattern and Swan's Patent Expansive Bits.

- | | |
|---------------------------------------------------------------------------|-------------------|
| No. 1. Small, for Small Bits, $\frac{1}{2}$ to $\frac{7}{8}$ inch..... | Per dozen, \$3.00 |
| No. 2. Large, for Small Bits, $\frac{7}{8}$ to $1\frac{1}{2}$ inches..... | " 3.75 |
| No. 3. Small, for Large Bits, $\frac{7}{8}$ to $1\frac{3}{4}$ inches..... | " 5.25 |
| No. 4. Large, for Large Bits, $1\frac{3}{4}$ to 3 inches..... | " 6.00 |
| No. 5. Large, for Large Bits, $2\frac{1}{2}$ to 4 inches..... | " 9.00 |
| No. 6. Large, for Large Bits, 4 to 5 inches..... | " 12.00 |

SWAN'S PATENT EXTENSION BIT HOLDER NO. 6120.

This bit extension is made to fill the long felt want for a holder that is small in diameter and be a positive holder for a bit shank which cannot be released when boring. This extension will follow in a $\frac{3}{4}$ inch space, which no other auger bit holder will do.

EXTRA QUALITY AND FINISH.



- | Size, inches. | Per Dozen. |
|---------------|------------|
| 12..... | \$21.00 |
| 18..... | 22.00 |
| 24..... | 23.00 |

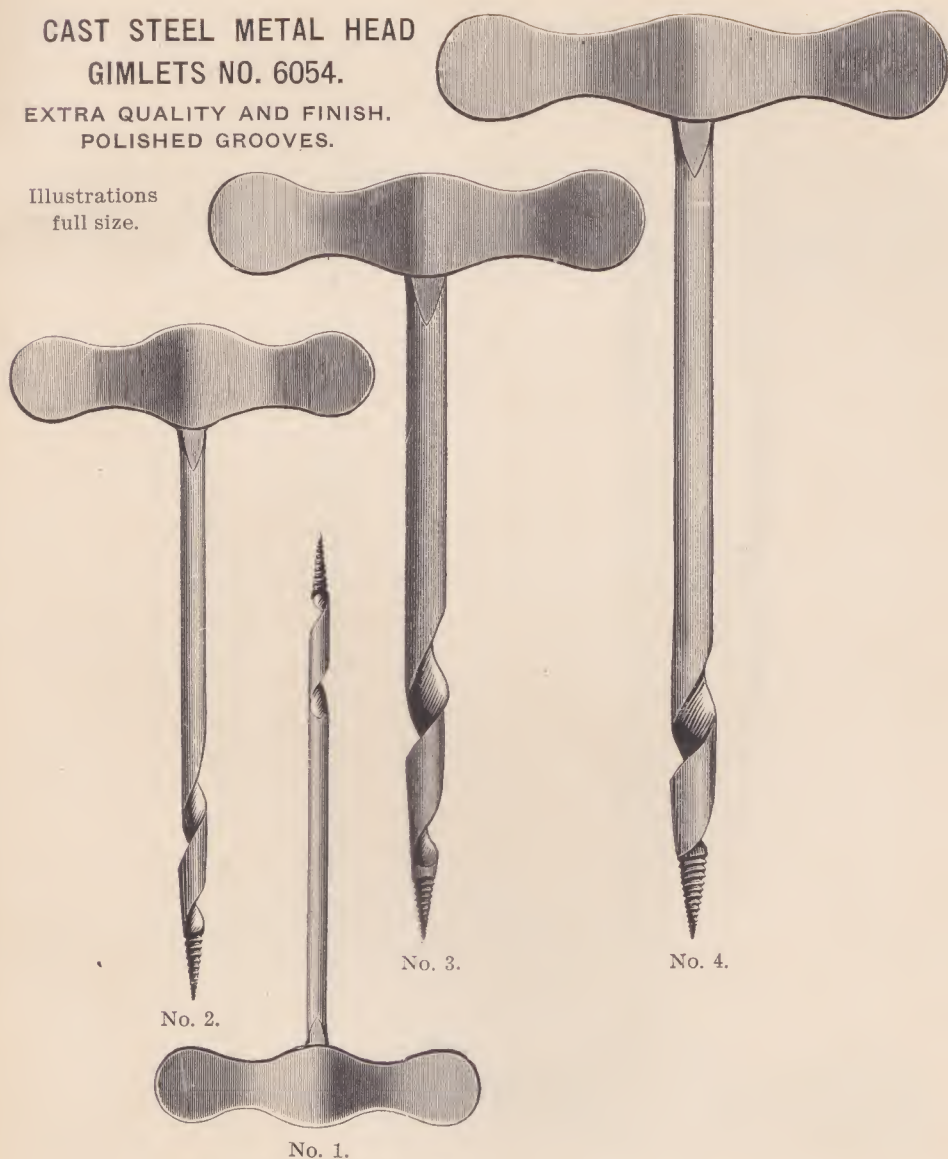
Made longer when so ordered at slight advance in price.

One in a box.

CAST STEEL METAL HEAD GIMLETS NO. 6054.

EXTRA QUALITY AND FINISH.
POLISHED GROOVES.

Illustrations
full size.

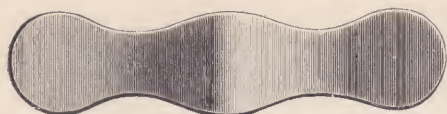


Assort-
ment
No.

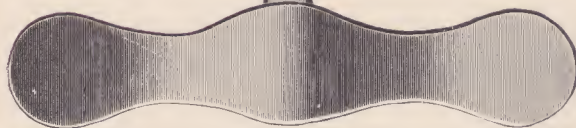
- | | | |
|----|------------------------------------------------------------------------------------|--------|
| 1. | Assorted, Nos. 1, 2 and 3 (6 of No. 1, 4 of No. 2, 2 of No. 3)..... | \$4.00 |
| 2. | Assorted, Nos. 2 and 3 (8 of No. 2, 4 of No. 3)..... | 5.00 |
| 3. | Assorted, Nos. 1, 2, 3 and 4 (4 of each Nos. 1 and 2, 2 of each Nos. 3 and 4)..... | 5.00 |
| 4. | Assorted, Nos. 2, 3 and 4 (6 of No. 2, 4 of No. 3, 2 of No. 4)..... | 6.00 |
| 5. | Assorted, Nos. 3 and 4, 6 of each..... | 6.00 |

Gauge of Wire Nails.....	8d.	10d.	20d.	30d.
Size of Gimlet.....	Nos. 1	2	3	4

Half gross in a box.



No. 1.

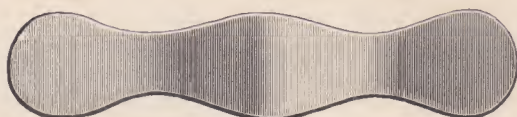


No. 3.

CAST STEEL METAL HEAD SPIKE GIMLETS NO. 6064.

EXTRA QUALITY AND FINISH.
POLISHED GROOVES.

No. 2.



SWAN'S GERMAN GIMLETS NO. 6034.



Polished Grooves.

Illustrations full size.

Gauge of Wire Nails.	Size of Gimlets.
Penny.	No.
20.....	1
30.....	2
40.....	3

Assort-
ment.

	Per Gross.
No. 1. (6 of No. 1, 4 of No. 2, 2 of No. 3)..	\$8.00
No. 2. (4 of each Nos. 1, 2 and 3).....	9.00
No. 3. (5 of No. 1, 4 of No. 2, 3 of No. 3)..	10.00
Half gross in a box.	

	Per Gross.
Nos. 1, 2, 3 4.....	\$9.00
Assorted	9.00

For description of sizes see
page 45.

Quarter gross in a box.

CAST STEEL COCO HEAD NAIL AND SPIKE GIMLETS.

EXTRA QUALITY AND FINISH. POLISHED GROOVES.

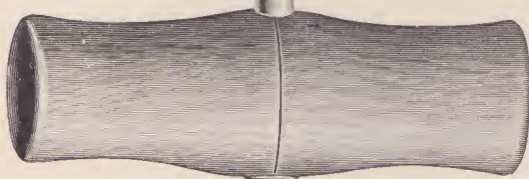
Illustrations full size.



Nail No. 2.



Spike No. 3.



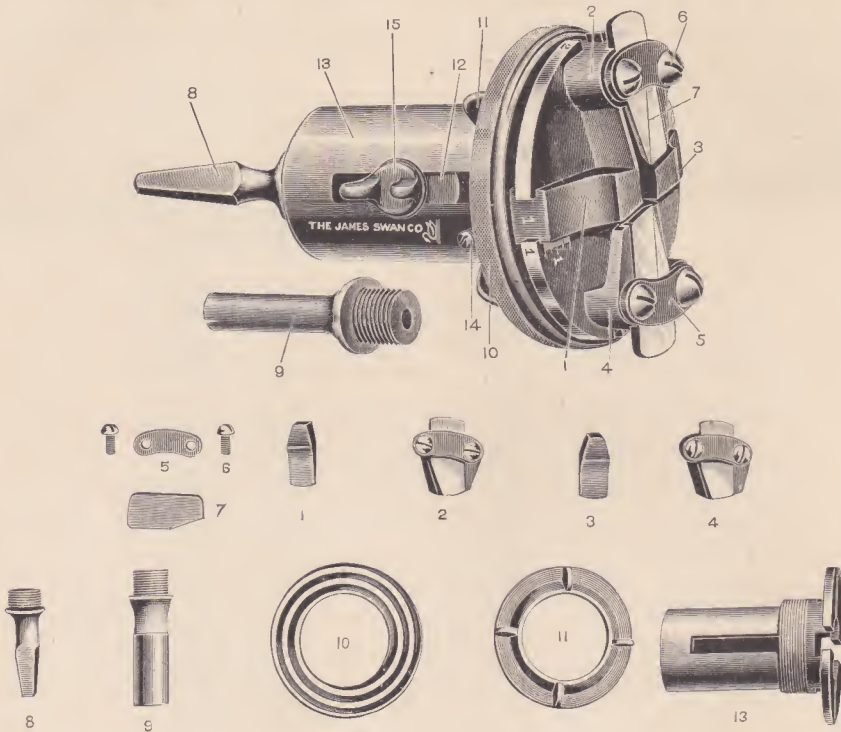
Double Cut No. 2.

Nos.	Assortment.	Per Gross.
6055.	No. 1. Nail Gimlets, Nos. 1, 2 and 3 (5 of No. 1, 4 of No. 2, 3 of No. 3).	\$4.50
6055.	No. 3. Nail Gimlets, Nos. 1, 2, 3 and 4 (4 of each Nos. 1 and 2, 2 of each Nos. 3 and 4).....	5.00
6065.	No. 1. Spike Gimlets (6 of No. 1, 4 of No. 2, 2 of No. 3).....	8.00
6065.	No. 2. Spike Gimlets (4 of each, 1, 2 and 3).....	9.00
6065.	No. 3. Spike Gimlets (5 of No. 1, 4 of No. 2, 3 of No. 3).....	10.00
6075.	No. 1. Double Cut Gimlets.....	7.50
6075.	No. 2. Double Cut Gimlets.....	8.50
6075.	No. 3. Double Cut Gimlets.....	9.50
6075.	No. 4. Double Cut Gimlets.....	10.50

For description of relative sizes see pages 45 and 46.

Nail and Spike Gimlets, half gross in a box. Double Cut Gimlets, one-third gross in a box.

SWAN'S IMPROVED UNIVERSAL HOLLOW AUGERS NO. 6001.



The above cut represents a well known tool and its parts, which can be ordered by number.

Through the use of the Universal Chuck, this Hollow Auger can be easily adjusted to any size from $\frac{3}{8}$ to $1\frac{1}{2}$ inches. When set to size, with the back screw properly set up, a Perfect Adjustment and rigid hold are secured. A depth gauge regulates the length of the tenon, and the face is graduated so it can be readily set to any size desired. To cut a smooth tenon, keep the knives ground to the line on the face, and the knives set up so they will not project beyond the centre hole. Only the best materials are used and the construction is perfect, representing the highest development of the Universal Hollow Auger.

Without Bits.....	Each, \$4.50
With Cook's Patent Plug Bits, No. 93, assorted, $\frac{3}{8}$ to $1\frac{1}{2}$ inches.....	" 9.50
Machine or Round Shanks, extra.....	" .50

One in a wooden box.

CARRIAGE MAKER'S PLUG CUTTERS NO. 6080.

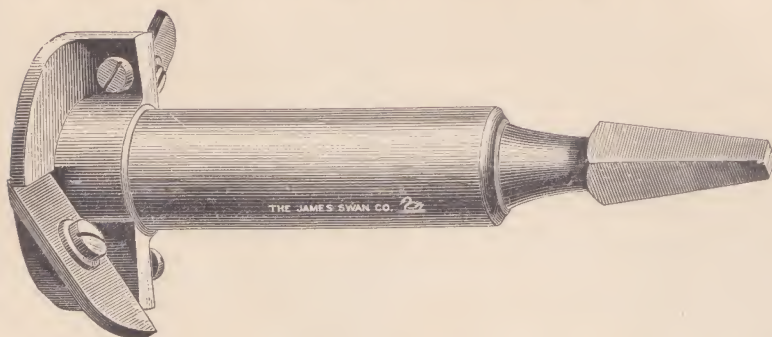
Made from best cast steel and carefully tempered.



Polished.

Size, inches, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$	Per dozen, \$3.00
Half dozen in a box.	

AMES' PATENT IMPROVED HOLLOW AUGERS NO. 6002.



The AMES Hollow Augers are so well and so favorably known to the trade that a lengthy statement regarding their merits is unnecessary. We simply emphasize the ease with which the cutters can be sharpened and adjusted, for fast or slow cutting. The side screw adjusts the cutter to the precise size wanted.

WITH COOK'S PATENT PLUG BITS NO. 93.

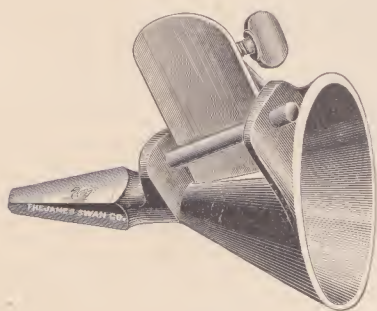
Size, inches.....	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen.....	\$12.00	12.00	12.00	14.00	14.00	14.00
Size, inches.....	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen.....	16.00	16.00	20.00	20.00	24.00	24.00

WITHOUT BITS.

Size, inches.....	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen.....	\$8.00	8.00	8.00	9.00	9.00	9.00
Size, inches.....	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen.....	13.00	13.00	14.00	14.00	16.00	16.00

$\frac{3}{8}$ to 1 inch, one-third dozen in a package. $1\frac{1}{2}$ to $1\frac{1}{2}$ inches, one-sixth dozen.

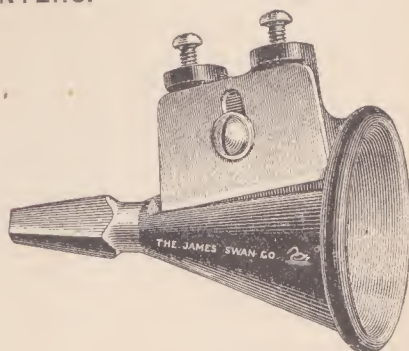
SPOKE POINTERS.



No. 6011.

Cuts 2 inches.

$3\frac{1}{2}$ inches over all.



No. 6012.

Cuts $2\frac{1}{2}$ inches.

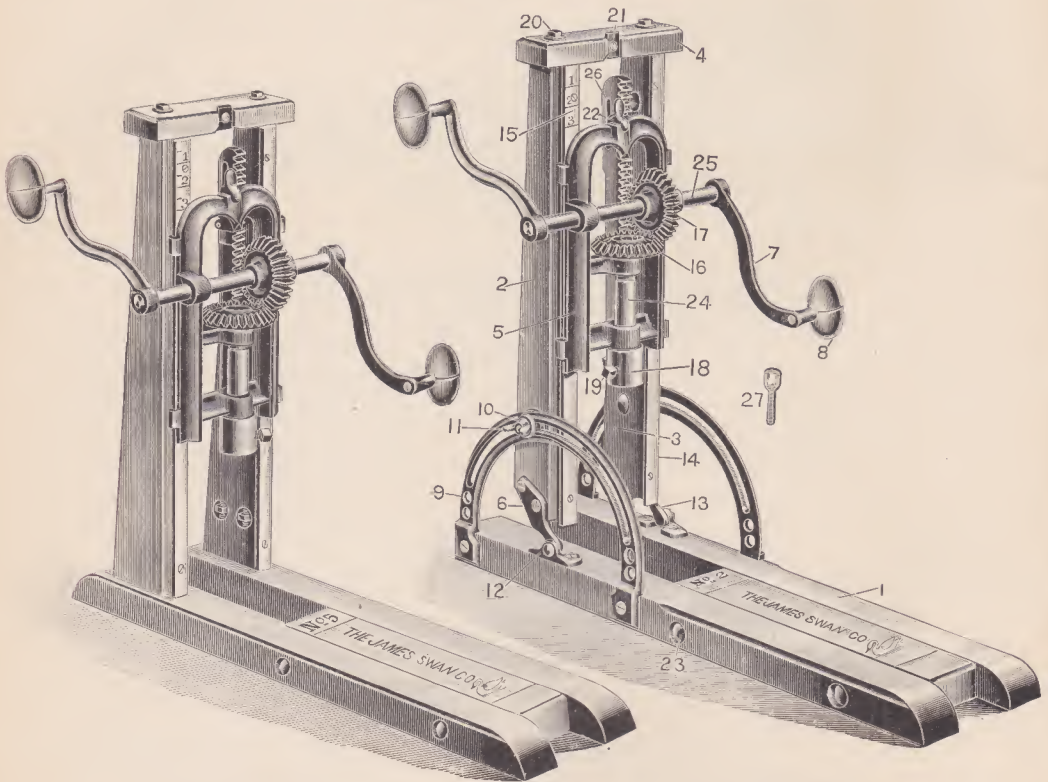
$3\frac{1}{2}$ inches over all.

No. 6011.	Full Polished.....	Per dozen, \$9.00
No. 6012.	Inside Polished.....	" 5.00

One-third dozen in a box.

IMPROVED BORING MACHINES.

GRADUATED WAYS.



Nos. 6505, 6507 and 6508.

Nos. 6501 and 6502.

These Machines are well made and warranted to bore true. They are offered as the Best Wood Frame Machines in the market. The rack is strong, easily adjusted, and will not slip or make trouble in working.

IMPROVED BORING MACHINES.

WITHOUT AUGERS.

No. 6501.	Angular, Polished Gear, Capped Frame.....	Each, \$10.00
No. 6502.	Angular Gear, Solid Frame.....	" 6.75
No. 6505.	Upright, Polished Gear, Solid Frame.....	" 8.50
No. 6507.	Upright, Capped Frame.....	" 7.50
No. 6508.	Upright, Solid Frame.....	" 5.50

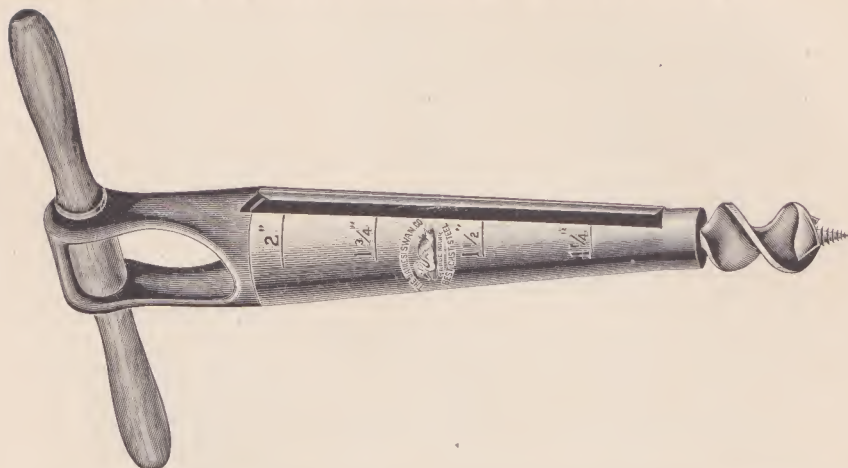
Two in a case. No charge for case.

PARTS FOR IMPROVED BORING MACHINES.

Frame (2).....	Each, \$1.60
Spindle (18).....	" 1.20
Cross Shaft (25).....	" 1.20
Joint (6 and 13).....	" .50
Semicircle (9).....	" .40
Cog Wheel (16 and 17).....	" .30
Handle (8).....	" .30
Arbor Rack (5).....	" .20
Set Screw (19).....	" .20
Crank (7).....	" .50
Base (1).....	" 1.50

For illustrations of Boring Machine Augers suitable for above Machines see pages 28 and 34.

SWAN'S GRADUATED BUNG-HOLE BORERS NO. 6020.



The most perfect tool made for the purpose, boring a regular tapering round hole. The castings are steel, well tempered, to cut any kind of wood, and the first hole is bored by a Cook's Bit. Polished Blades. Figures clearly cut. Accurate measurements.

Nos.....	1	2	3
Size.....	$\frac{3}{16}$ to $1\frac{1}{2}$ inches.	$1\frac{1}{2}$ to 2 inches.	$1\frac{1}{2}$ to 3 inches.
Each	\$1.25	1.65	2.50

One in a package.

Cook's Bung-Borer Bits for No. 1.....	Per dozen, \$3.50
Cook's Bung-Borer Bits for No. 2.....	" 5.50
Cook's Bung-Borer Bits for No. 3	" 7.00

RING BUNG-BORERS NO. 6021. WITH HANDLE.

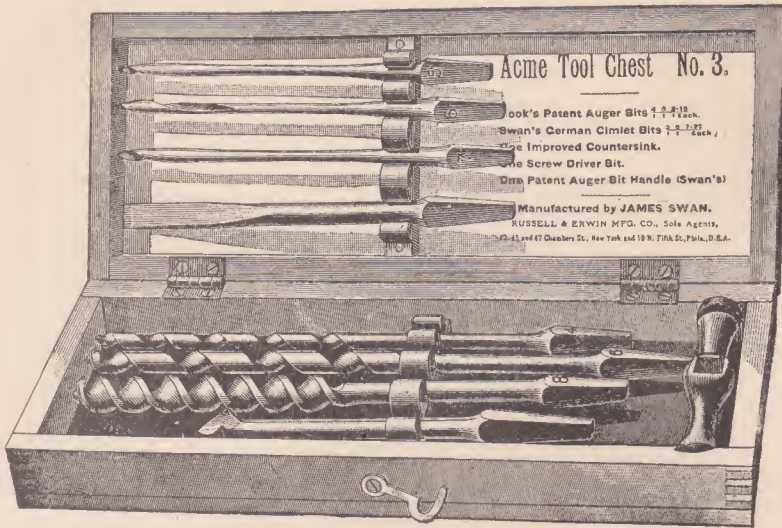


STEEL CASTINGS, CAREFULLY
TEMPERED, WELL FINISHED.

Size, inches.....	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3
Per dozen.....	\$6.00	7.00	8.00	10.00	12.00	16.00	20.00

Quarter dozen in a package.

ACME TOOL CHEST.



Contains—One each, 4, 6, 8-16ths Cook's Bits No. 90.
 One each, 5, 6, 7-32ds Swan's German Gimlet Bits No. 6030.
 One Improved Countersink for wood No. 6095.
 One Screw-Driver Bit No. 7585.
 One Patent Auger Bit Handle No. 6520.

No. 3.....Per set, \$1.80

This set is packed in a nicely finished box with patented spring rack that holds the tools securely in their places.

All tools packed in this manner are carefully selected and are fully warranted.

ICE PICKS.



With Swan's Patent Ferrule, which insures the blade staying in the handle, and also that it will stand the blows on end of handle. Blade $4\frac{3}{4}$ inches long, $9\text{--}32$ inch diameter.

No. 6176. Wood Handle.....Per dozen, \$3.00

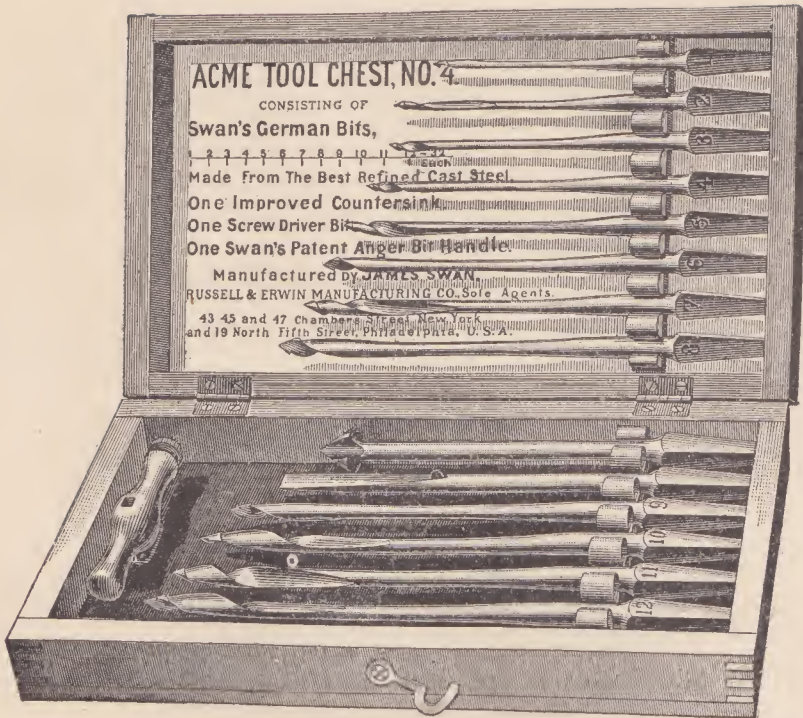


No. 6670. Wood Handle.....Per dozen, \$3.00



No. 6674. Iron Handle.....Per dozen, \$3.00
 One dozen in a wooden box.

ACME TOOL CHEST.



Contains—One each, Swan's German Gimlet Bit, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12-32ds.
 No. 6030.
 One Improved Countersink for wood No. 6095.
 One Screw-Driver Bit No. 7585.
 One Patent Auger Bit Handle No. 6520.

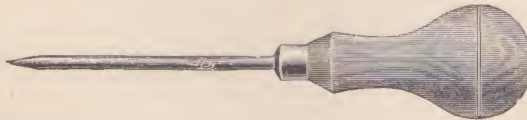
No. 4.....Per set, \$1.80

This set is packed in a nicely finished box with patented spring rack that holds the tools securely in their places.

All tools packed in this manner are carefully selected and are fully warranted.

SCRATCH AWLS.

MADE FROM BEST CAST STEEL AND CAREFULLY TEMPERED.
 BRASS CAPPED FERRULES.



No. 6573. Plain Handles.....Per dozen, \$1.25
 No. 6576. Fancy Handles....." 1.50
 One dozen in a wooden box.

SOCKET SCRATCH AWLS NO. 6570.

MADE FROM BEST CAST STEEL AND CAREFULLY TEMPERED.



Socket Handles.....Per dozen, \$3.00
 One dozen in a wooden box.

SCREW DRIVER BITS.

SOLID CRUCIBLE STEEL. FULL POLISHED. EACH BIT TESTED AND FULLY WARRANTED.



EXTRA QUALITY AND FINISH. MADE HEAVY.

Length over all, $5\frac{1}{4}$ inches. Point $\frac{1}{4}$ to $\frac{3}{8}$.

No. 7580. Assorted sizes.....Per dozen, \$1.50



REGULAR QUALITY AND FINISH.

Length over all, $4\frac{1}{2}$ inches. Point, $\frac{7}{16}$.

No. 1580.....Per dozen, \$1.00



Length over all, 5 inches. Point, $\frac{5}{16}$.

No. 7585.....Per dozen, \$1.25



EXTRA QUALITY AND FINISH. MADE HEAVY.

Length over all, $5\frac{1}{4}$ inches. Point $\frac{3}{8}$, Slot $\frac{3}{16}$.

No. 7581. With slot.....Per dozen, \$2.00

COUNTERSINKS.

SOLID CRUCIBLE STEEL. FULL POLISHED. EXTRA QUALITY.



Length over all, $4\frac{1}{4}$ inches; width $\frac{3}{8}$ inch.

No. 6590. For iron.....Per dozen, \$1.50



Length over all, $4\frac{1}{2}$ inches. Cutting up to $\frac{3}{8}$ inch.

No. 6095. For wood.....Per dozen, \$1.25

REAMERS.

SOLID CRUCIBLE STEEL. EXTRA QUALITY. FULL POLISHED.

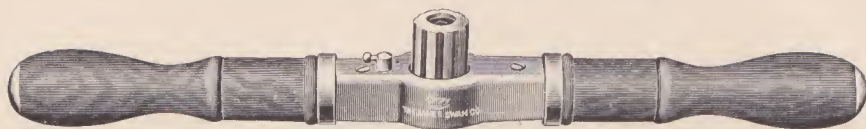


Length over all, $4\frac{3}{4}$ inches. Point $\frac{1}{8}$ to $\frac{3}{8}$ inch.

No. 6581. Square blade, assorted sizes.....Per dozen, \$1.50

All above, one dozen in a box.

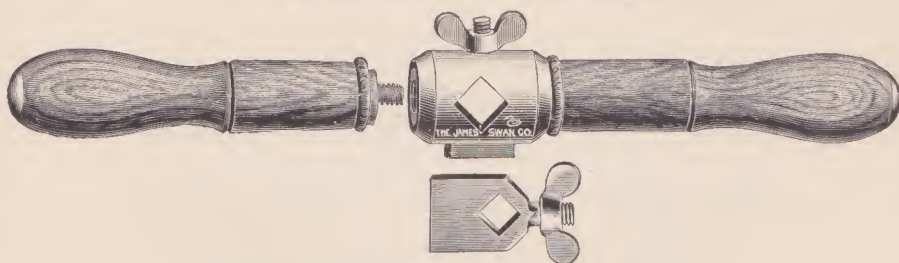
SWAN'S RATCHET AUGER HANDLE.



Either handle can be unscrewed, enabling it to be worked in a corner.

No. 6519.....Per dozen, \$30.00

SWAN'S IMPROVED AUGER HANDLE.



Length, 15 inches.

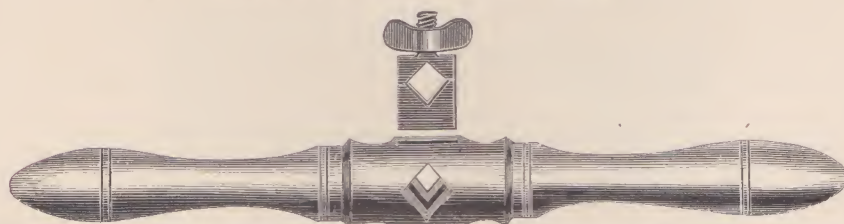
Two slides with each Handle, taking in $\frac{3}{8}$ to $\frac{16}{4}$ Auger Shanks, taking the place of two Auger Handles.

Either Handle can be unscrewed, enabling it to be worked in a corner.

These Handles are made of the best material and are fully warranted.

No. 6516.....Per dozen, \$16.60

SWAN'S PATENT AUGER HANDLE.



No. 6515.	Length over all, 13 inches.....	Per dozen, \$6.00
No. 6513.	Length over all, 15 inches.....	" 8.00
No. 6514.	Length over all, 15 inches.....	" 10.00

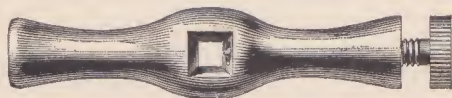
PATENT AUGER HANDLE.



No. 6121.....	Per dozen, \$15.00
No. 6122.....	" 16.80

Above, one in a wooden box.

SWAN'S PATENT AUGER BIT HANDLE.



No. 6520. Nickel plated, 3 inches over all.....Per dozen, \$3.00
One dozen in a box.

SWAN'S CHISEL HANDLES.

SOCKET CARPENTER'S SLICK HANDLES.



- | | | |
|-----------|---------------------------------------------|--------------------|
| No. 6526. | Hickory, for Slicks Nos. 7012 and 1012..... | Per gross, \$20.00 |
| No. 6527. | Hickory, for Slicks No. 7012½..... | " 20.00 |

SOCKET FRAMING CHISEL HANDLES.

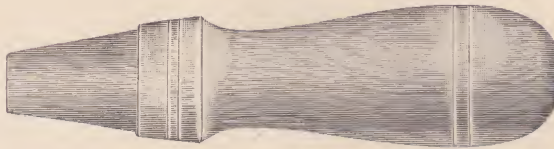


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|-----------|---------------------------------------------------------------------|-------------------|
| No. 6530. | Hickory, Iron Ferrules, assorted, for ¼ to 2 inch Chisels..... | Per gross, \$8.50 |
| No. 6531. | Hickory, Iron Ferrules, assorted, large, for 1 to 2 inch Chisels... | " 9.25 |



- | | | |
|-----------|----------------------------------------|-------------------|
| No. 6532. | Hickory, no ring, assorted, small..... | Per gross, \$7.00 |
|-----------|----------------------------------------|-------------------|

SOCKET FIRMER CHISEL HANDLES.

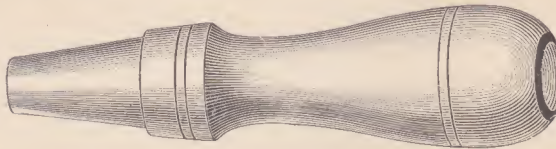


- | | | |
|-----------|--------------------------------------------------------|-------------------|
| No. 6533. | Hickory, assorted, for ¼ to 2 inch Chisels..... | Per gross, \$5.00 |
| No. 6534. | Hickory, assorted, large, for 1 to 2 inch Chisels..... | " 6.00 |
| No. 6535. | Apple, assorted, for ¼ to 2 inch Chisels..... | " 10.00 |
| No. 6536. | Apple, assorted, large, for 1 to 2 inch Chisels..... | " 11.00 |

SWAN'S PATENT CHISEL HANDLES.

PATENTED NOVEMBER 19, 1890.

These handles are made with an iron ferrule inserted in the end, and as nothing withstands blows better than end wood confined, they are, by means of the ferrule, prevented from splitting and made practically indestructible, while the shape of the handle is not interfered with when used by hand.



- | | | |
|------------|-------------------------------------------------------------------|-------------------|
| No. 6539. | Hickory Socket Firmer, assorted, for ¼ to 2 inch Chisels..... | Per gross, \$9.00 |
| No. 6539½. | Hickory Socket Firmer, assorted, large, for 1 to 2 inch Chisels.. | " 11.00 |
| No. 6546. | Hickory Tanged Firmer, assorted, for ¼ to 2 inch Chisels..... | " 15.00 |
| No. 6547. | Hickory Tanged Firmer, assorted, for 1 to 2 inch Chisels..... | " 17.00 |

All above, one dozen in a box.

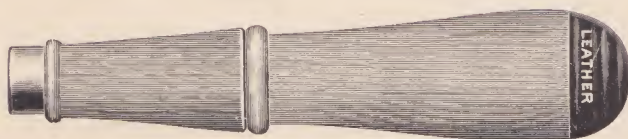
LEATHER CAPPED CHISEL HANDLES.

SOCKET FIRMER.



- No. 6537. Hickory, assorted, for $\frac{1}{2}$ to 2 inch Chisels.....Per gross, \$12.00
 No. 6538. Hickory, assorted, for $\frac{3}{4}$ to 2 inch Chisels..... " 13.00

TANGED FIRMER.



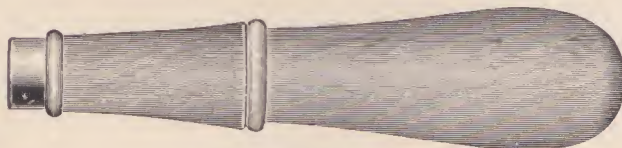
- No. 6544. Hickory, assorted, for $\frac{1}{2}$ to 2 inch Chisels.....Per gross, \$15.00
 No. 6545. Hickory, assorted, for 1 to 2 inch Chisels..... " 17.00

One dozen in a box.

FIRMER CHISEL HANDLES.



Nos. 6540 to 6543.



Nos. 6549 and 6549 $\frac{1}{2}$.



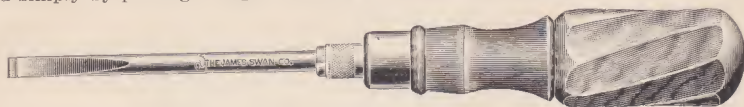
Nos. 6548 and 6548 $\frac{1}{2}$.

- No. 6540. Hickory, assorted, for $\frac{1}{2}$ to 2 inch Chisels.....Per gross, \$10.00
 No. 6541. Hickory, assorted, for 1 to 2 inch Chisels..... " 12.00
 No. 6542. Apple, assorted, for $\frac{1}{2}$ to 2 inch Chisels..... " 16.00
 No. 6543. Apple, assorted, for 1 to 2 inch Chisels..... " 19.00
 No. 6549. Apple, for Chisels No. 7160, assorted, $\frac{1}{2}$ to 2 inches..... " 13.00
 No. 6549 $\frac{1}{2}$. Apple, for Chisels No. 7160, assorted, 1 to 2 inches..... " 17.00
 No. 6548. Apple, Fancy Handles, for $\frac{1}{2}$ to 2 inch Chisels..... " 16.00
 No. 6548 $\frac{1}{2}$. Apple, Fancy Handles, for 1 to 2 inch Chisels..... " 19.00

All above, one dozen in a box.

SWAN'S PATENT SCREW-DRIVERS.

The "Unique" Screw-Driver is made to fill a long felt want for a substantial, quick, reversible ratchet screw-driver that could be changed without stopping work. It is changed simply by putting a slight restraint on the knurled band below the ferrule.



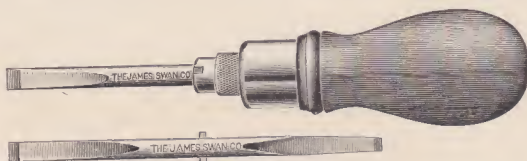
No. 7592.

Length of Blades, inches.....	2	3	4	5	6	8	10	12
Per dozen.....	\$6.30	7.95	8.70	9.45	11.00	12.75	15.00	15.00

Half dozen in a wooden box.

UNIQUE DOUBLE END SCREW-DRIVERS.

The Unique Double End Screw-Driver is made to meet the requirements of bell hangers and electricians generally, so that they may always have two blades for use.



No. 7595.	2 and 3 inch blades.....	Per dozen, \$15.00
No. 7596.	3 and 6 inch blades.....	" 15.00
No. 7597.	4 and 6 inch blades.....	" 15.00

One in a box separate. Half dozen in a nest box.

PATENT SCREW-DRIVERS.

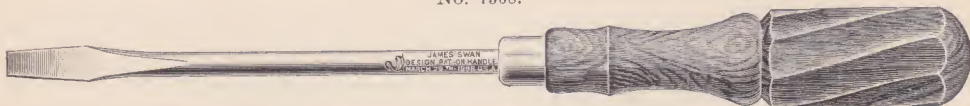
Screw-Drivers Nos. 7565, 7566 and 7568 have heavy Malleable Iron Ferrules, constructed so that when driven on and the shank of the Screw-Driver driven into the Handle, the shank is locked to the ferrule and the ferrule to the Handle, making an absolutely secure fastening.



No. 7565.



No. 7568.



No. 7569.

Screw-Driver No. 7569 has, in addition to the Patented Ferrule, a Handle on which we have a Design Patent. This Handle we guarantee to be the most practical on the market.

Length of Blades, inches.....	2½	3	4	5	6	7	8	9	10	12
Per dozen.....	\$3.00	3.50	4.25	5.00	6.00	7.00	8.00	9.00	10.00	12.00



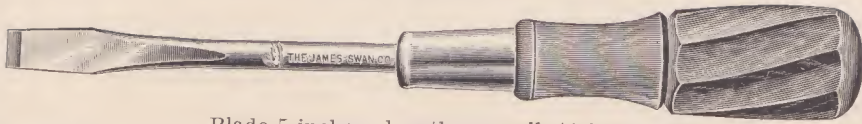
Cabinet No. 7566. All blades ⅜ inch diameter.

Length of Blades, inches.....	2½	3½	4½	5½	6½	8½	10½	12½
Per dozen.....	\$3.00	3.50	4.50	5.50	6.00	8.00	9.50	11.00

All above, half dozen in a wooden box.

SWAN'S PATENT SCREW-DRIVERS.

HEAVY MECHANIC'S.

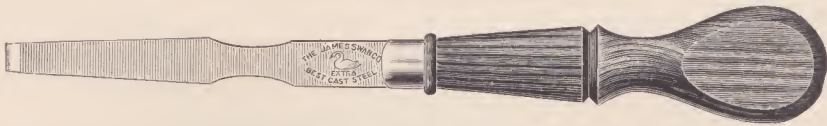


Blade 5 inches; length over all, 11 inches.
 No. 7564.....Per dozen, \$9.00
 Half dozen in a wooden box.

SOLID CAST STEEL SCREW-DRIVERS.

MADE FROM BEST CRUCIBLE CAST STEEL.

EVERY SCREW-DRIVER WE MAKE IS CAREFULLY TESTED BEFORE THE
 HANDLE IS ATTACHED.



Nos. 7525 and 7535.

NO. 7525. FORGED BLADES, APPLEWOOD HANDLES.

Length of Blades, inches.	2	3	4	5	6	7	8	9	10	11	12
Per dozen.....	\$2.00	2.50	3.00	3.50	4.00	5.00	5.50	6.00	6.50	7.00	7.50

NO. 7535. FORGED BLADES, ROSEWOOD HANDLES.

Length of Blades, inches	1½	2	3	4	5	6	7	8	9	10	11	12
Per dozen.....	\$3.00	3.00	3.50	4.00	4.50	5.00	6.00	7.00	7.50	9.00	10.00	10.50

Half dozen in a wooden box.



No. 7540.

ROUND BLADES. ROUND, BLACK ENAMELED HANDLES. NICKEL PLATED FERRULES.

Length of Blades, inches.....	1½	2	3	4	5	6	7	8	10	12
Per dozen.....	\$0.90	0.90	1.15	1.50	1.75	2.10	2.35	2.80	3.50	4.75

1½ and 2 inches, one dozen; other sizes half dozen in a wooden box.

SWAN'S PATENT SCREW-DRIVERS.



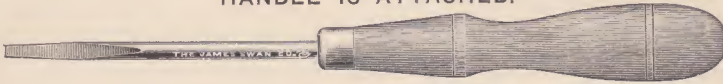
NO. 7545. ROUND BLADES, BLACK HANDLES, NICKEL PLATED FERRULES. PATENT FASTENING.

Length of Blades, inches.....	1½	2	3	4	5	6	7	8	10	12
Per dozen.....	\$2.50	2.50	3.00	3.50	4.00	5.00	6.00	7.00	8.00	9.00

Half dozen in a wooden box.

SOLID CAST STEEL SCREW-DRIVERS.

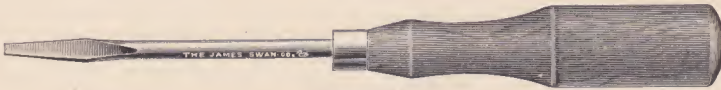
EVERY SCREW-DRIVER WE MAKE IS CAREFULLY TESTED BEFORE THE HANDLE IS ATTACHED.



No. 7510.

ROUND APPLEWOOD HANDLES. NICKEL PLATED CAP FERRULES.

Length of Blades, 2 inches.....Per dozen, \$2.00
Length of Blades, 3 inches....." 2.00



No. 7515.

ROSEWOOD HANDLES, BRASS TUBE FERRULES, HANDSOMELY FINISHED.

Length of Blades, 2 inches.....Per dozen, \$2.20
Length of Blades, 3 inches....." 2.20

Nos. 7510 and 7515, one dozen in a wooden box.



No. 7550.

ROUND APPLEWOOD HANDLES. NICKEL PLATED CAP FERRULES.

Length of Blades, inches.....	2	3	4	5	6	7	8
Per dozen.....	\$1.50	1.70	1.90	2.10	2.30	2.50	2.80



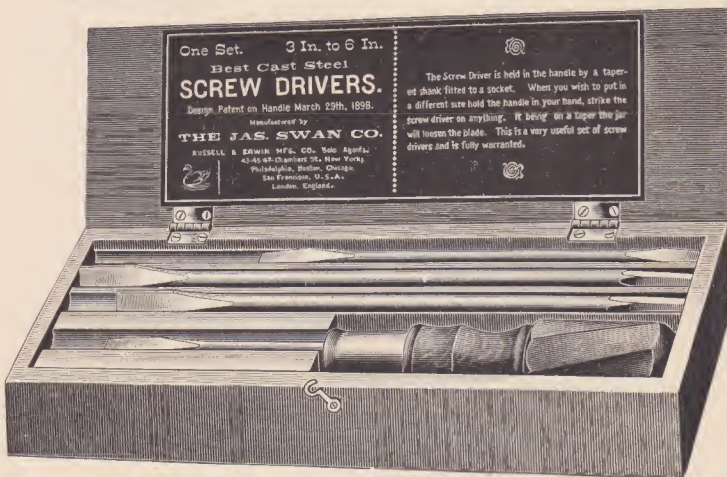
No. 7560. For piano work.

ROSEWOOD HANDLES, BRASS TUBE FERRULES, HANDSOMELY FINISHED.

Length of Blades, inches.....	2	3	4	5	6	7	8
Per dozen.....	\$2.20	2.40	2.80	3.30	3.80	4.30	4.80

Nos. 7550 and 7560, half dozen in a wooden box.

SWAN'S PATENT SCREW-DRIVERS NO. 7500, IMPROVED.



DESIGN
PATENT
ON
HANDLE.
HARDWOOD
BOX,
VARNISHED
AND
HIGHLY
FINISHED.

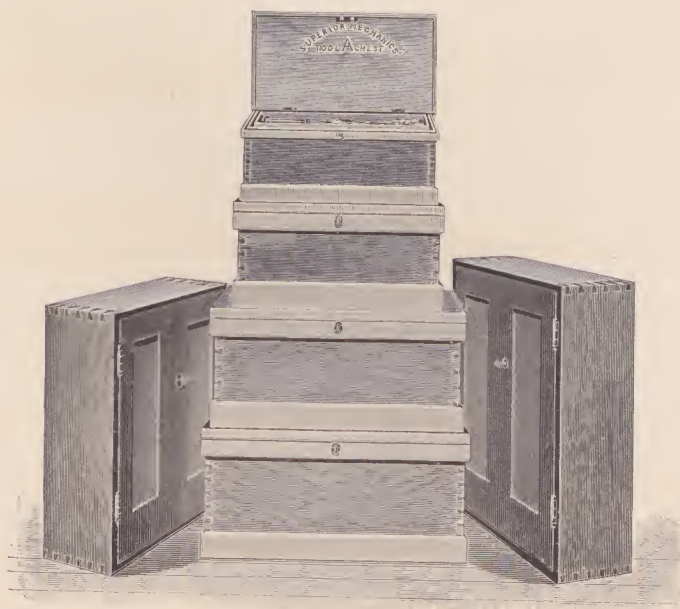
No. 7500, in sets (4) one each, 3, 4, 5 and 6 inches.....Per dozen sets, \$15.00
One set in a wooden box.

WE HEREWITH PRESENT A LINE OF
Superior Mechanics' Tools

IN

Chests and Cabinets for the Skilled
Workman

EMBODYING THE CELEBRATED LINE OF CUTTING
AND BORING TOOLS



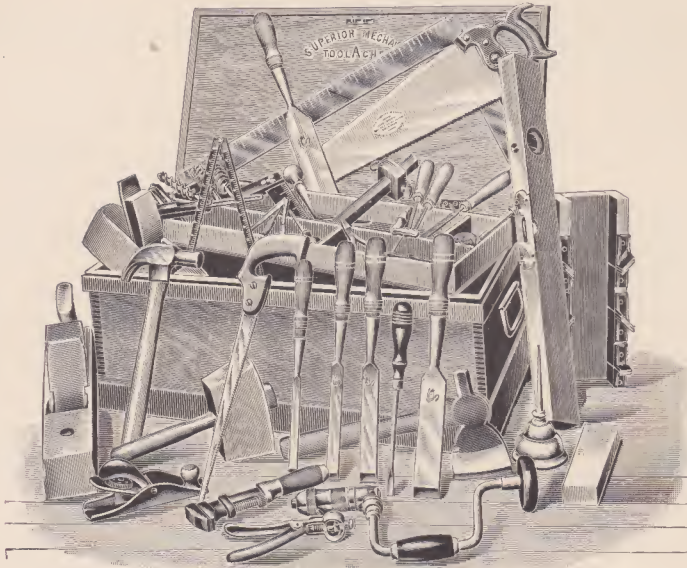
MANUFACTURED BY

THE JAMES SWAN COMPANY

Together with a complete assortment of High Grade Tools,
making a desirable selection for general use, designed
more particularly for the artisan.

ALL TOOLS THOROUGHLY FIRST CLASS AND FULLY WARRANTED

TOOL A CHEST



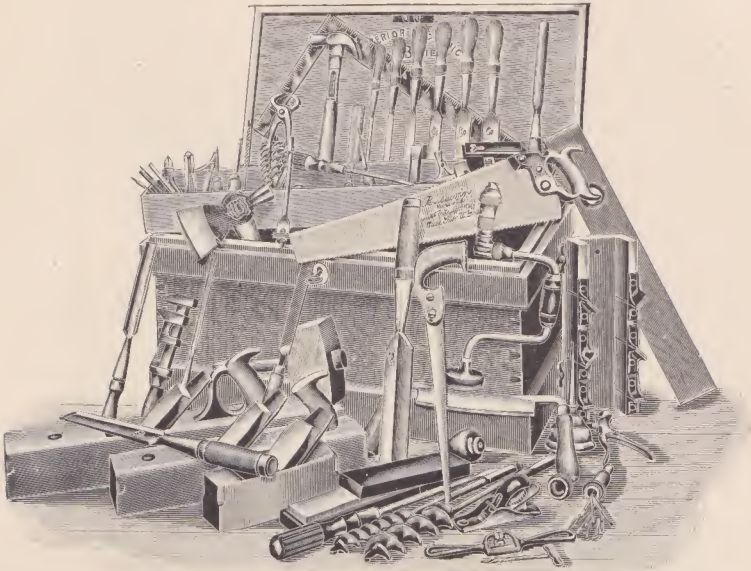
This Chest is nicely finished and varnished, complete with sliding tray. Size, outside measurement: Length, 27 inches; width, 14½ inches; depth, 10¾ inches.

FIFTY TOOLS, ASSORTED AS FOLLOWS:

- | | |
|-----------------------------------------------------------|-------------------------------------------------------|
| One Swan's Chisel No. 1010, each, ½, ¾, 1 and 1½ inches. | One pair R. & E. Flat Nose Pliers, 5 in. |
| One Swan's Chisel No. 1013, 2 inches. | One Wood Smooth Plane. |
| One Swan's Auger Bit No. 10, each, 4, 8, 12 and 16-16ths. | One Wood Jack Plane. |
| One Swan's German Gimlet Bit No. 6030, 4, 6 and 8-32ds. | One Smythe's Nail Hammer No. 1½. |
| One Swan's Nail Gimlet No. 6054, sizes 1, 2, 3 and 4. | One Carpenter's Mallet No. 8. |
| One Swan's Screw-Driver No. 7540, 6 inches. | One Handled Taper Saw File, each, 4, 4½ and 5 inches. |
| One Swan's Countersink No. 6095. | One Chalk Line and Reel and Awl. |
| One Swan's Screw-Driver Bit No. 1580. | One Knurled Nail Set. |
| One Swan's Reamer No. 6581. | One R. & E. Steel Square No. 34. |
| One Swan's Socket Scratch Awl No. 6670. | One R. & E. Try Square, 6 inches. |
| One R. & E. Hand Saw No. 1896, 20 in. | One R. & E. Sliding T Bevel, 8 inches. |
| One Jones Compass Saw, 12 inches. | One pair R. & E. Wing Dividers, 6 in. |
| One Fray's Ratchet Brace No. 103. | One Washita Oil Stone, 8x2 inches. |
| One Boxwood Rule No. 61. | One Zinc Oiler No. 2. |
| One Stanley Handled Brad Awl. | One Imitation Morrill's Saw Set No. 1. |
| Two R. & E. Carpenter's Lead Pencils, 7 inches. | One R. & E. Plumb and Level, 24 inches. |
| | One Monkey Wrench, 8 inches. |
| | One Smythe's Shingling Hatchet No. 1. |
| | One Stanley Block Plane No. 102. |
| | One Marking Gauge No. 72. |

Chest, with Tools complete.....Each, \$20.00

TOOL B CHEST

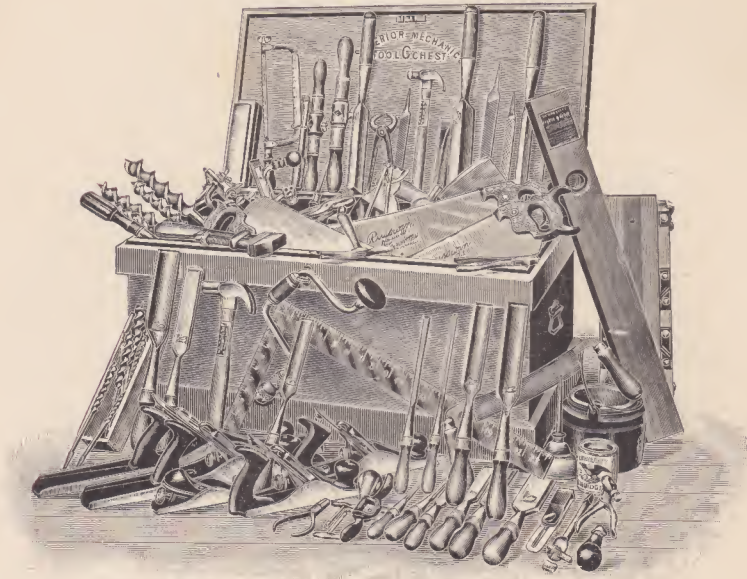


This Chest is nicely finished and varnished, complete with sliding tray. Size, outside measurement: Length, 29 inches; width, 15½ inches; depth, 14 inches.

SEVENTY-THREE TOOLS, ASSORTED AS FOLLOWS:

- | | |
|-----------------------------------------------------------------|-----------------------------------------------------|
| One Swan's Chisel No. 1010, each, ¼, ½, ¾, 1, 1½ and 1¾ inches. | One pair R. & E. Flat Nose Pliers No. 10, 5 inches. |
| One Swan's Gouge No. 7210, each, ½, ¾ and 1 inch. | One Wood Smooth Plane. |
| One Swan's Chisel No. 1013, each, 1½ and 2 inches. | One Wood Jack Plane. |
| One Swan's Jennings Bit No. 80, each, 4, 8, 12 and 16-16ths. | One Wood Fore Plane. |
| One Swan's German Gimlet Bit No. 6030, each, 4, 6 and 8-32ds. | One Ogden's Hammer No. 1½. |
| One Swan's Auger No. 110, 1 and 1½ inches. | One Carpenter's Mallet No. 8. |
| One Swan's Auger Handle No. 6513. | One Handled Taper Saw File, 4, 4½ and 5 inches. |
| One Swan's Nail Gimlet No. 6054, sizes 1, 2, 3 and 4. | One Handled Mill File, 8 inches. |
| One Swan's Scratch Awl No. 6670. | One Chalk Line and Reel and Awl. |
| One Swan's Screw-Driver No. 7565, each, 6 and 10 inches. | One Cold Chisel. |
| One Swan's Drawing Knife No. 1481, 8 inches. | One Knurled Nail Set. |
| One Swan's Countersink No. 6095. | One R. & E. Try Square, 6 inches. |
| One Swan's Screw-Driver Bit No. 1580. | One R. & E. Sliding T Bevel, 8 inches. |
| One Swan's Expansive Bit No. 7. | One R. & E. Steel Square No. 34. |
| One Swan's Reamer No. 6581. | One pair R. & E. Wing Dividers, 7 inches. |
| One R. & E. Hand Saw No. 1896, 20 inches. | One Cabinet Scraper, 2½x4 inches. |
| One Jones Compass Saw, 12 inches. | One Mounted Oil Stone, 8x2 inches. |
| One Fray's Brace No. 102. | One Washita Oil Slip. |
| One Boxwood Rule No. 61. | One Zinc Oiler No. 2. |
| One Handled Brad Awl. | One Morrill's Saw Set No. 1. |
| Two R. & E. Carpenter's Lead Pencils, 7 inches. | One R. & E. Plumb Bob No. 2½. |
| One pair R. & E. Carpenter's Pincers, 8 inches. | One R. & E. Level, 24 inches. |
| Chest, with Tools complete..... | One Monkey Wrench, 10 inches. |
| | One Iron Spoke Shave No. 1. |
| | One Fray's Tool Set No. 1. |
| | One Germond Shingling Hatchet No. 2. |
| | One Olmsted Mitre Box No. 2. |
| | One Stanley Block Plane No. 103. |
| | One pair R. & E. Cutting Pliers No. 40, 6 inches. |
| | One Marking Gauge No. 72. |
| | Each, \$40.00 |

TOOL C CHEST



This Chest is nicely finished and varnished, complete with sliding tray. Size, outside measurement: Length, 35 inches; width, 18 inches; depth, 16 inches.

EIGHTY-SEVEN TOOLS, ASSORTED AS FOLLOWS:

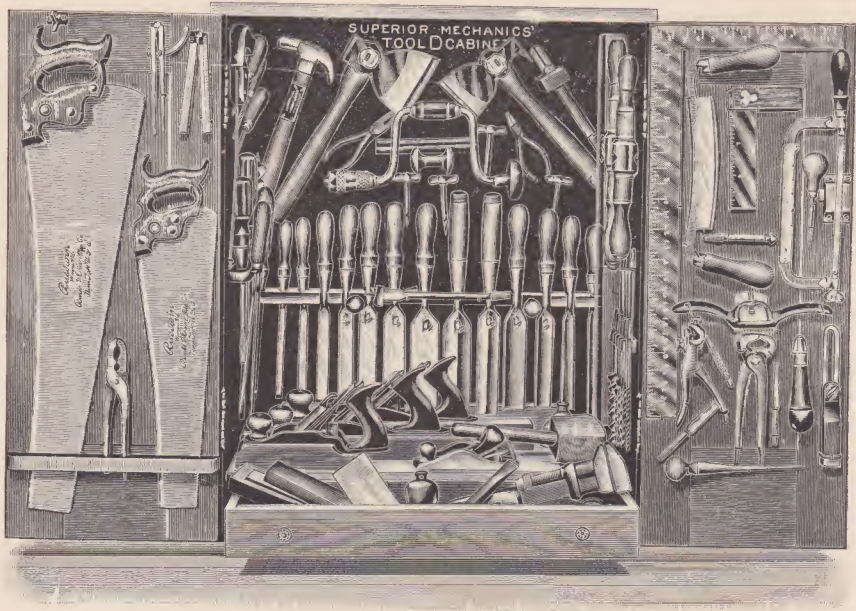
- One Swan's Chisel No. 1010, each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$ and $1\frac{1}{2}$ inches.
- One Swan's Gouge No. 7210, each, $\frac{1}{2}$, $\frac{3}{4}$, 1 and $1\frac{1}{2}$ inches.
- One Swan's Chisels No. 1013, each, $1\frac{1}{2}$ and 2 inches.
- One Swan's Jennings Bit No. 80, each, 4, 6, 8, 10, 12 and 16-16ths.
- One Swan's German Gimlet Bit No. 6030, each, 2, 4, 6 and 8-32ds.
- One Swan's Auger No. 110, each, $\frac{3}{4}$, 1 and $1\frac{1}{2}$ inches.
- One Swan's Auger Handle No. 6514.
- One Swan's Auger Handle No. 6515.
- One Swan's Nail Gimlet No. 6054, sizes 1, 2, 3 and 4.
- One Swan's Scratch Awl No. 6670.
- One Swan's Screw-Driver No. 7565, each, 6 and 10 inches.
- One Swan's Drawing Knife No. 1481, 8 inches.
- One Swan's Countersink No. 6095.
- One Swan's Screw-Driver Bit No. 1580.
- One Swan's Expansive Bit No. 7.

TOOL C CHEST—Continued

One Swan's Reamer No. 6581.
 One Russwin Hand Saw, 26 inches.
 One Russwin Panel Saw, 18 inches.
 One Manhattan Compass Saw, 12 inches.
 One Fray's Ratchet Brace No. 210.
 One Boxwood Rule No. 63.
 Two Handled Brad Awls.
 Two R. & E. Carpenter's Lead Pencils, 7 inches.
 One pair R. & E. Carpenter's Pincers, 8 inches.
 One pair R. & E. Flat Nose Pliers No. 10, 5 inches.
 One pair R. & E. Gas Pliers, 8 inches.
 One pair R. & E. Side Cutting Pliers No. 40, 6 inches.
 One Bailey Smooth Plane No. 35.
 One Bailey Jack Plane No. 27.
 One Bailey Fore Plane No. 29.
 One Ogden's Hammer No. 1½.
 One Carpenter's Mallet No. 8.
 One Handled Taper Saw File, each, 4, 4½ and 5 inches.
 One Handled Mill File, each, 8 and 10 inches.
 One Chalk Line and Reel and Awl.
 One Cold Chisel, ¾ inch.
 One Knurled Nail Set.
 One R. & E. Try Square, 6 inches.
 One R. & E. Steel Square No. 34.
 One R. & E. Sliding T Bevel, 8 inches.
 One pair R. & E. Wing Dividers, 7 inches.
 One Cabinet Scraper, 2½x4 inches.
 One Mounted Washita Stone, 8x2 inches.
 One Washita Oil Slip.
 One Zinc Oiler No. 2.
 One Morrill Pattern Saw Set No. 1.
 One R. & E. Plumb Bob No. 2½.
 One R. & E. Plumb and Level No. 3, 24 inches.
 One Russwin Wrench, 12 inches.
 One Bailey's Spoke Shave No. 53.
 One Fray's Tool Set No. 1.
 One Ogden's Shingling Hatchet No. 1.
 One Ogden's Broad Hatchet No. 3.
 One Olmsted Mitre Box No. 3.
 One Stanley Block Plane No. 220.
 One R. & E. Hack Saw No. 222.
 One Marking Gauge No. 72.

Chest, with Tools complete.....Each, \$60.00

TOOL D CABINET



This Cabinet is nicely finished and varnished, complete with inside drawer and racks for boring and cutting tools. Double doors fitted with lock and key. Size, outside measurement: Height, 34 inches; width, 28 inches; depth, 12 inches.

NINETY TOOLS, ASSORTED AS FOLLOWS:

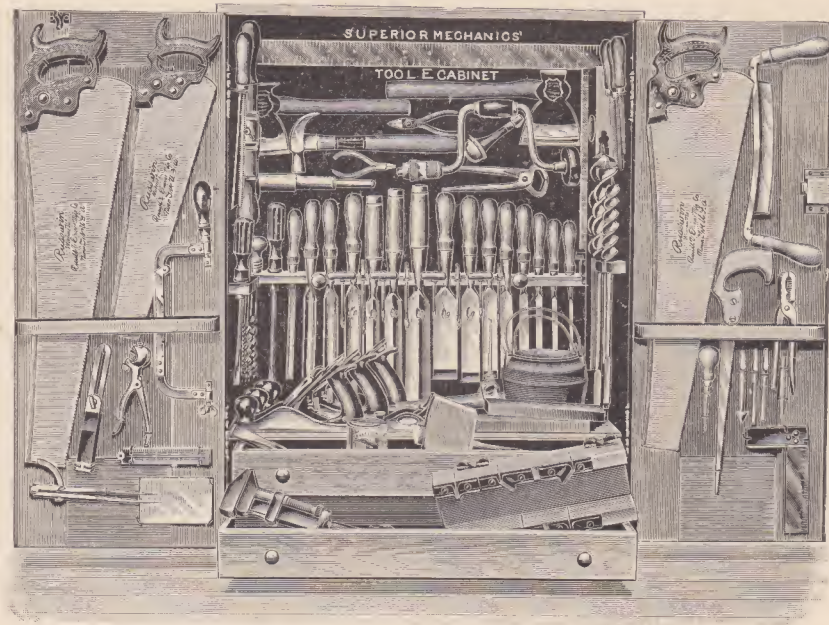
- One Swan's Chisel No. 7010, each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ and 2 inches.
- One Swan's Chisel No. 7013, each, $1\frac{1}{2}$ and 2 inches.
- One Swan's Gouge No. 7210, each, $\frac{1}{4}$, $\frac{3}{4}$, 1 and $1\frac{1}{2}$ inches.
- One Swan's Bit No. 80, each, 4, 6, 8, 10, 12 and 16-16ths.
- One Swan's German Gimlet Bit No. 6030, each, 3, 4, 6 and 8-32ds.
- One Swan's Auger No. 710, each, 1, $1\frac{1}{2}$ and 2 inches.
- One Swan's Auger Handle No. 6513.
- One Swan's Nail Gimlet No. 6054, sizes 1, 2, 3 and 4.
- One Swan's Scratch Awl No. 6670.
- One Swan's Screw-Driver No. 7565, each, 6 and 8 inches.
- One Swan's Drawing Knife No. 1481, 9 inches.
- One Swan's Countersink No. 6095.
- One Swan's Screw-Driver Bit No. 1580.
- One Swan's Expansive Bit No. 7.
- One Swan's Reamer No. 6581.
- One Russwin Rip Saw, 26 inches.
- One Russwin Hand Saw, 26 inches.
- One Russwin Panel Saw, 18 inches.

TOOL D CABINET—Continued

One Jones Compass Saw, 12 inches.
 One Fray's Ratchet Brace No. 210.
 One Stanley Rule No. 63.
 Two Handled Brad Awls.
 Two R. & E. Carpenter's Pencils, 7 inches.
 One pair R. & E. Carpenter's Pincers, 8 inches.
 One pair R. & E. Flat Nose Pliers, 5 inches.
 One pair R. & E. Gas Pliers, 8 inches.
 One pair R. & E. Side Cutting Pliers No. 45, 6 inches.
 One Bailey Iron Smooth Plane No. 4.
 One Bailey Iron Jack Plane No. 5.
 One Bailey Iron Fore Plane No. 6.
 One Ogden Hammer No. 1½.
 One Hickory Mallet No. 8.
 One Handled Taper Saw File, each, 4, 4½ and 5 inches.
 One Handled Mill File, 8 inches.
 One Handled Half Round Wood Rasp, 8 inches.
 One Chalk Line and Reel and Awl.
 One Cold Chisel, ¾ inch.
 One Knurled Nail Set.
 One R. & E. Try Square, 6 inches.
 One R. & E. Steel Square No. 14.
 One R. & E. Sliding T Bevel, 8 inches.
 One pair R. & E. Wing Dividers, 8 inches.
 One Cabinet Scraper, 3x5 inches.
 One Mounted Washita Stone, 8x2 inches.
 One Washita Oil Slip.
 One Zinc Oiler No. 2.
 One Morrill's Saw Set No. 95.
 One R. & E. Lead Plumb Bob No. 2.
 One R. & E. Level No. 3, 24 inches.
 One Russwin Wrench, 12 inches.
 One Bailey Spoke Shave No. 53.
 One Glue Pot No. 1.
 One half pint Can Liquid Glue and Brush.
 One Fray's Tool Set No. 1.
 One Ogden Shingling Hatchet No. 1.
 One Olmsted Mitre Box No. 3.
 One Bailey Block Plane No. 9½.
 One R. & E. Hack Saw No. 222.
 One Yankee Automatic Drill No. 40.
 One Ogden Broad Hatchet No. 3.
 One Marking Gauge No. 72.

Cabinet, with Tools complete.....Each, \$80.00

TOOL E CABINET



This Cabinet is nicely finished and varnished, complete with inside drawers and racks for boring and cutting tools. Double doors fitted with lock and key.

Size, outside measurement: Height, $37\frac{3}{4}$ inches; width, $28\frac{3}{4}$ inches; depth, 18 inches.

ONE HUNDRED AND SIX TOOLS, ASSORTED AS FOLLOWS:

- One Swan's Chisel No. 7015, each, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ and 2 inches.
- One Swan's Gouge No. 7210, each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$ and 2 inches.
- One Swan's Chisel No. 7013, each, 1, $1\frac{1}{2}$ and 2 inches.
- One Swan's Bit No. 80, each, 4, 5, 6, 7, 8, 10, 12, 14 and 16-16ths.
- One Swan's German Bit No. 6030, each, 3, 4, 6 and 8-32ds.
- One Swan's Twist Drill No. 6040, each, 4 and 6-32ds.
- One Swan's Auger No. 710, each, 1, $1\frac{1}{2}$ and 2 inches.
- One Swan's Auger Handle No. 6513.
- One Swan's Nail Gimlet No. 6054, sizes 1, 2, 3 and 4.
- One Swan's Scratch Awl No. 6670.
- One Swan's Screw-Driver No. 7565, each, 6 and 10 inches.
- One Swan's Drawing Knife No. 1480, 9 inches.
- One Swan's Countersink No. 6095.
- One Swan's Screw-Driver Bit No. 1580.
- One Swan's Expansive Bit No. 7.
- One Swan's Reamer No. 6581.

TOOL E CABINET—Continued

One Russwin Rip Saw, 26 inches.
 One Russwin Crosscut Saw, 26 inches.
 One Russwin Panel Saw, 18 inches.
 One Manhattan Compass Saw, 12 inches.
 One Fray's Brace No. 210.
 One Boxwood Rule No. 84.
 Two Handled Brad Awls.
 Two R. & E. Carpenter's Pencils, 7 inches.
 One pair R. & E. Carpenter's Pincers, 8 inches.
 One pair R. & E. Flat Nose Pliers, 5½ inches.
 One Bailey Smooth Plane No. 4.
 One Bailey Jack Plane No. 5.
 One Bailey Fore Plane No. 6.
 One Bailey Jointer Plane No. 7.
 One Ogden's Carpenter's Nail Hammer No. 1½.
 One Ogden's Carpenter's Brad Hammer No. 13.
 One Hickory Mallet No. 8.
 One Handled Taper Saw File, each, 4, 4½ and 5 inches.
 One Handled Mill File, each, 8 and 10 inches.
 One Handled Half Round Wood Rasp, 8 inches.
 One Chalk Line and Reel and Awl.
 One Cold Chisel, ⅞ inch.
 One Knurled Nail Set.
 One R. & E. Try Square, 7½ inches.
 One R. & E. Steel Square No. 14B.
 One R. & E. Sliding T Bevel, 8 inches.
 One pair R. & E. Wing Dividers, 8 inches.
 One Cabinet Scraper, 3x5 inches.
 One Mounted Washita Oil Stone, 8x2 inches.
 One Washita Oil Slip.
 One Zinc Oiler No. 2.
 One Morrill's Saw Set No. 95.
 One R. & E. Brass Plumb Bob No. 2½.
 One R. & E. Level No. 3, 24 inches.
 One Russwin Wrench, 12 inches.
 One Bailey Spoke Shave No. 53.
 One Glue Pot No. 1.
 One half pint Can Liquid Glue and Brush.
 One Fray's Tool Set No. 1.
 One Ogden's Shingling Hatchet No. 1.
 One Bailey Combination Plane No. 45, complete.
 One Olmsted Mitre Box No. 2.
 One Stanley Block Plane No. 220.
 One pair R. & E. Gas Pliers, 8 inches.
 One R. & E. Hack Saw No. 222.
 One Stanley Hexagon Level No. 31.
 One pair R. & E. Side Cutting Pliers, 6 inches.
 One Yankee Automatic Drill No. 40.
 One Tack Hammer No. 50.
 One Ogden's Broad Hatchet No. 3.
 One Marking Gauge No. 72.

Cabinet, with Tools complete.....Each, \$100.00



